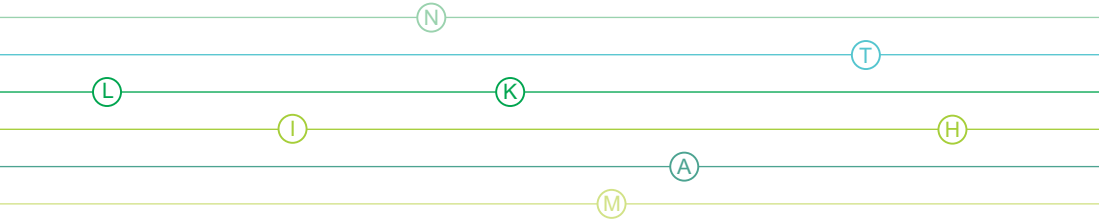
LINKMATH™

LP-901
PASSWORD LOCK
USER'S GUIDE

Produced by Linkfair & Polymath Tech Co.Ltd.

SCIENCE AND TECHNOLOGY BRING ALONG FUTURE



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FOREWORD

——— Thank you for purchasing the product of our company!
The advanced technology --- processor controlling technology has been applied in this product. And it is the comprehensive fruit of electronic technology, mechanical technology and surface processing technology.
Before installing and using this product, please read the user's guide carefully.
Guaranteed period: One year
(from the day you purchase it)

——— Quality guarant period: One year (starting from the date you purchase it)

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❶ SPECIAL FEATURES

Convenient usage: Input the PIN code, the lock will be opened immediately!

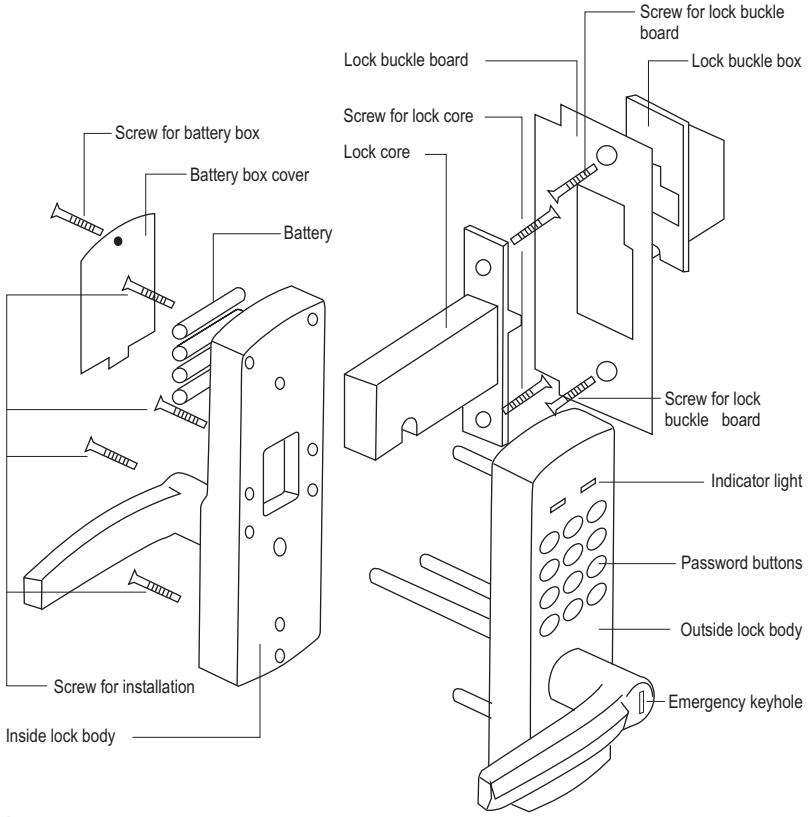
Group of password: Three group of PIN codes can be enrolled and used.

Digit of PIN code: The maximum digit of the password is 8,the minimum is 3.

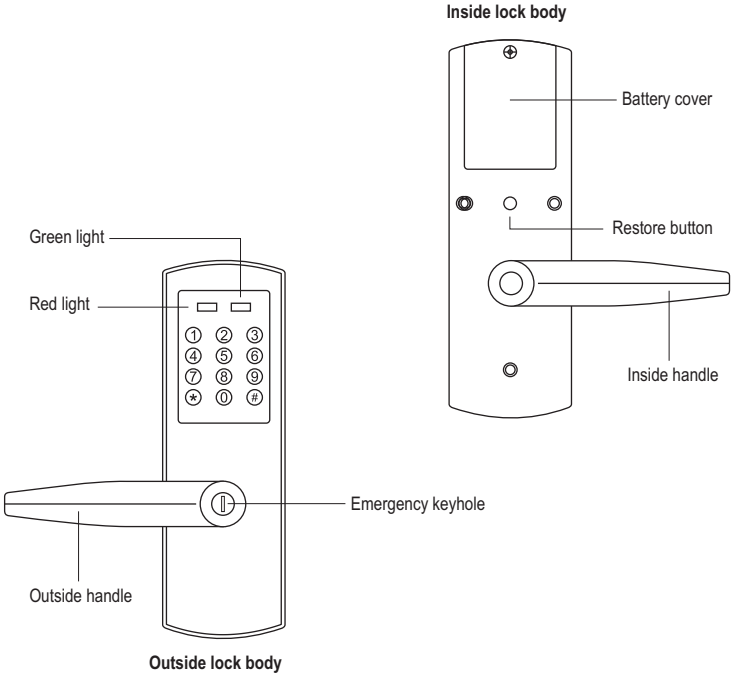
Attractive shape: Designed according to mechanics principle. The surface would not easily fade in color because it has bee adopted with the advanced exterior disposal technique.

❷ PRODUCT CONSTRUCTION AND FUNCTIONS

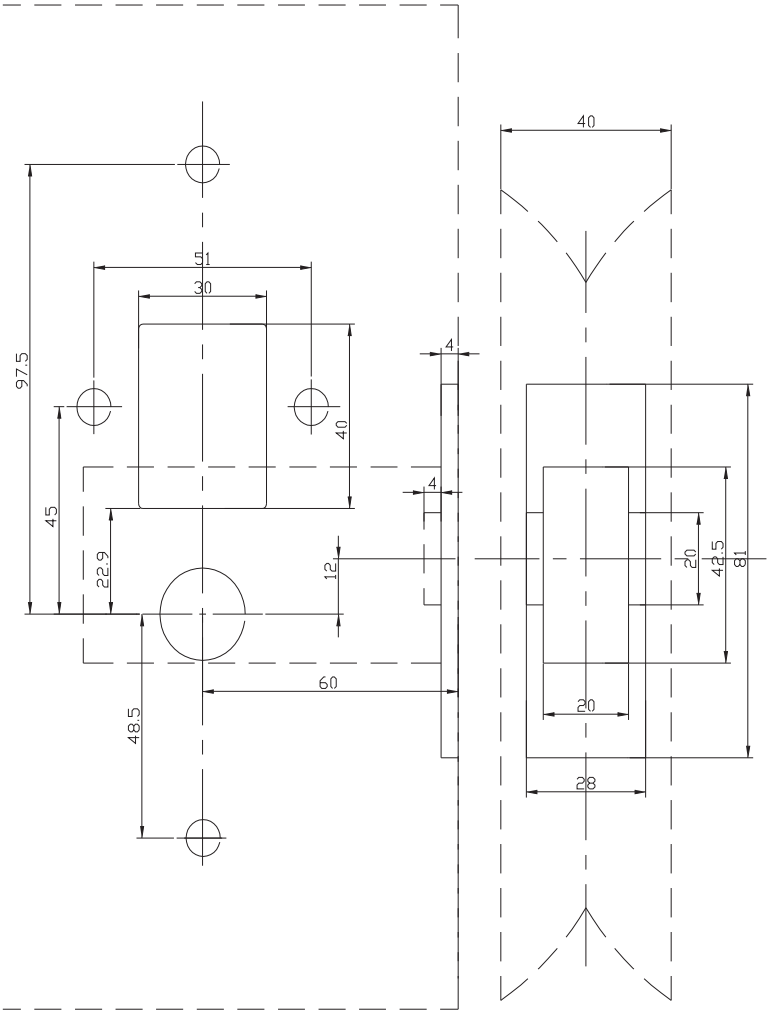
●1. Lock construction (see the following dissection diagram of the password Lock)



- 2. Sketch map of inside & outside lock body



❸ INSTALLATION OF THE PRODUCT



1. Installation steps of the product

■ **Step One: Line out & drill**

According to the installation card, line out relative hole's contour line and central line on door, then drill the installing holes , begin to install the lock.

■ **Step Two: Fix the parts of the lock**

Check if the holes' location of the lock body is consistent with the installing holes' location. If that is all right, press the parts into the lock body, and fix it with screws tightly. After finishing the above process, please check the popup situation of the lock tongue.

■ **Step Three: Fix the outside lock body**

Join the leads and check the location of every installing hole, then fix t he outside lock body on the door according to the pointing direction of the square axis.

■ **Step Four: Fix the inside lock body**

Join the leads of the inside and outside lock body correctly, press the square axis in the door, make sure the lock body and the door tie in well. After that, screw down the fixing bolts of the inside and outside lock body.

■ **Step Five: Fix the battery and the battery box cover.**

The battery should be enclosed according to the polarity marks which shows in the battery box cover. After that, screw down the fixing bolts of the battery box cover.

■ **Step Six: Trial open**

Input the initial PIN code: 123 firstly, when the green light blinks, turn the handle to open the lock.Besides,please check whether the installation of the lock is correct.

2. Notice for installation

- When you drill the installing holes, please ensure that the holes is perpen dicular to the door board, and the location of the holes is correct.
- Protect the leads well and prevent the circuitry from damaging
- Ensure that the leads is connected correctly.
- Place the square axis to right direction as it marked.
- Enclose the battery with the correct polarity.

4

SYSTEM SETTINGS

1) Setting the PIN code

- The system is initially given the primary PIN code (123)
- The PIN code: 3--8 digits

Enrolling the first PIN code

1.Press the * button and then press the (1) button
2.Press the initial PIN code (123) and then press the * button
3.Input a 0-9 digit PIN code and then Press the * button
4.Input the same number again and then press the * button to finish

- For example, if you will set the first PIN code (123456), the operation is just like: (* 1 123 * 123456 * 123456 *)

Enrolling the second PIN code

1.Press the * button and then press the (2) button
2.Press the first PIN code and then press the * button
3.Input a 0-9 digit PIN code and then Press the * button
4.Input the same number again and then press the * button to finish

- For example, if the first PIN code is (123456) and you will set the second PIN code (456789),the operation is just like:(* 2 123456 * 456789 * 456789 *)

Enrolling the third PIN code

1.Press the * button and then press the (3) button
2.Press the first PIN code and then press the * button
3.Input a 0-9 digit PIN code and then Press the * button
4.Input the same number again and then press the * button to finish

- For example, if the first PIN code is (123456) and you will set the third PIN code (987654),the operation is just like:(* 3 123456 * 987654 * 987654 *)

2) Deleting the PIN code

- The first PIN code is the manager number which can not be deleted unless you reset the whole system

Deleting the second PIN code

1.Press the * button and then press the (2) button
2.Press the first PIN code and then press the # button to finish

- For example,if the first PIN code is (123456) and you will delete the second PIN code, the operation is just like (* 2 123456 #) Deleting the third PIN code

1.Press the * button and then press the (3) button
2.Press the first PIN code and then press the # button to finish

- For example, if the first PIN code is (123456) and you will delete the third PIN code, the operation is just like (* 3 123456 #)

3) Malicious operating-forbidden function

— The function means that if a wrong PIN code is entered sequentially more than 5 times, the system will get into three-minute interval,which is to prevent any power drain caused by children's mischief or any intentional abuse.

Turning on the malicious operating-forbidden function

1.Press the * button and then press the (5) button
2. Press the first PIN code and then press the * button
3. Press the (1) button to finish

Shutting up the malicious operating-forbidden function

1.Press the * button and then press the 5 button
2. Press the first PIN code and then press the * button
3. Press the (0) button to finish

- For example, the first PIN codes is (123456).
  The operation of turning on the malicious operating - forbidden function is: (* 5 1 23456 * 1)
  The operation of shutting up the malicious operating - forbidden function is:(* 5 1 23456 * 0)

4) Unlocking status

Normal open function

1.Press the * button and then press the (4) button
2. Press the first PIN code and then press the * button
3. Press the (1) button to finish

Normal close function

1.Press the * button and then press the (4) button
2. Press the first PIN code and then press the * button
3. Press the (0) button to finish

- For example, the first PIN code is (123456).
  The operation of normal open is: (* 4 123456 * 1)
  The operation of normal close is: (* 4 123456 * 0)

— If the above procedure was accepted by the system,you will hear the beep with the green LED blinking three times.In case of any failure, the red LED will blink and the system will beep rapidly, that means you need to repeat the steps above.

Night key display function

Press any button more than 3 seconds to turn on the night key display function

Emergency

Under the condition that the PIN code system fail to work, you can use the mechanical key to open the lock.

5) Reset system

1, Under unworking situation of the lock,open the battery box,press the reset button which beneath the battery box, at the same time, press the restore button too.If system sounds a long beep, please release the two bottoms, it means that system has been resetted successfully. On the contrary, with out the beep sound, it means the reset operation failed, then please repeat the operation steps mentioned above.

2, Please close the battery box cover after finishing the above operations.

Notice: After resetting system, all the password will be eliminated in any circumstances,and the password will be restored to the initial PIN code:123. Please use the function cautiously.

5 SYSTEM OPERATION

- **1, Open the lock PIN code**

  Input one of three PIN codes at random,then you can open the lock immediately. For example: If one of the PIN code is "226688", please input the PIN code, system sounds a "Di" beeps, and the green light shines, then turn the outside handle to open the lock.

- **2. Close the door (when you go out).**

  If the normal open function was set up in system, you should press the restore button before leaving in order to let system lock the door automatically,otherwise,the door will keep unlocking. On the contrary, if the normal close function was set up in system, you needn't press the restore button before leaving.

- **3, Emergency**

  Under the condition that the PIN code system fail to work, you can use the mechanical key to open the lock.

- **4, Night key display function**

  Press any button more than 3 seconds to turn on the night key display function which enable you to use the LP-901 at night without other light source.

6 SYSTEM MAINTENANCE AND TROUBLESHOOTING

- **1, System maintenance**

  Daily maintenance can extend life-span,lower malfunction rate and improve reliability of the lock.

  1>Replace the battery right away when system shows weak power alarm.

2>Use high quality and high capability alkaline batteries.

3>When you replace the battery, pay attention to the circuit. The battery should be inserted correctly according to the polarity marks which shows in the battery box cover.

4>The password lock can't be wiped with gasoline or acetone and it can't always get to volatile gases.When cleaning the lock,please wipe he lock with flannelette,which bedewed with litmusless soap-water. At the same time,for protecting the lock,make sure that there is no any water flow in to the lock and damage the electronic parts.

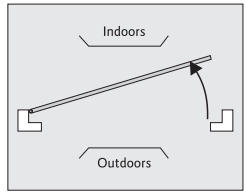
5>Misuse and misoperation of the lock may cause some malfunctions, Please find the solution as the following table.

S/N	Malfunction	Reasons	Solutions
1	The door can't be locked after opening	•Low voltage •Electrocircuit parts was damaged	•Replace the battery •Overhaul or replace the electrocircuit parts
2	System doesn't lock the door automatically after pressing the Restore button.	•Low voltage •The Restore botton was damaged. •Electrocircuit parts was damaged	•Replace the battery •Replace the Restore botton •overhaul or replace the electrocircuit parts
3	After installing the lock, the tilted tongue pops up but the height is inadequate.	•The width of the installing hole is not enough. •The location of the installing hole is deflective	•Mend the installing hole
4	Can't open the door after replacing the battery.	•The clutch was damaged •Enclose the battery with wrong polarity. •The battery isn't connected well	•Enclose the battery again
5	The handle and the clutch can't be separated after opening the door.	•The clutch trough of the handle was damaged. •Low voltage •The clutch can't get into right position.	•Replace the handle Replace the battery

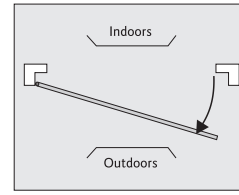
Notice:If you can't obviate any malfunction of our product,please contact our distributors directly.

7 NOTICE FOR ORDER

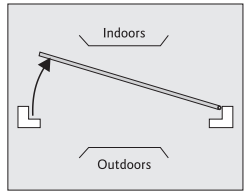
Please tell us the way of opening the door before you purchase our product (namely open the door from the left side or from the right side)



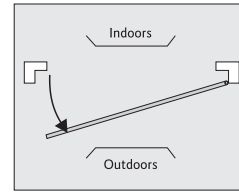
● Left-opened indoors



● Left-opened outdoors



● Right-opened indoors



● Right-opened outdoors

8 SPECIFICATION

ITEMC	ONTENT
Size (L*W*H)	210mm*65mm*25mm
Valid password	3 groups
Verification time	1-2 seconds
Control mode	Clutch
Dynamic power consumption	50-90mA
Static power consumption	<50 μ A
ESD voltage resistance	>15000V
Life of the battery	4000-5000 times
Power	4pcs AA alkaline battery
Material	Zincum alloy
Working temperature	-10℃- 45℃
Working humidity	20% -- 85%