

User manual



LEAF TECHNOLOGIES – DH 112Y

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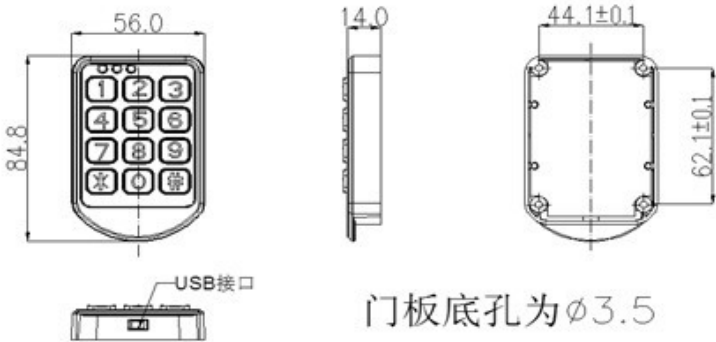
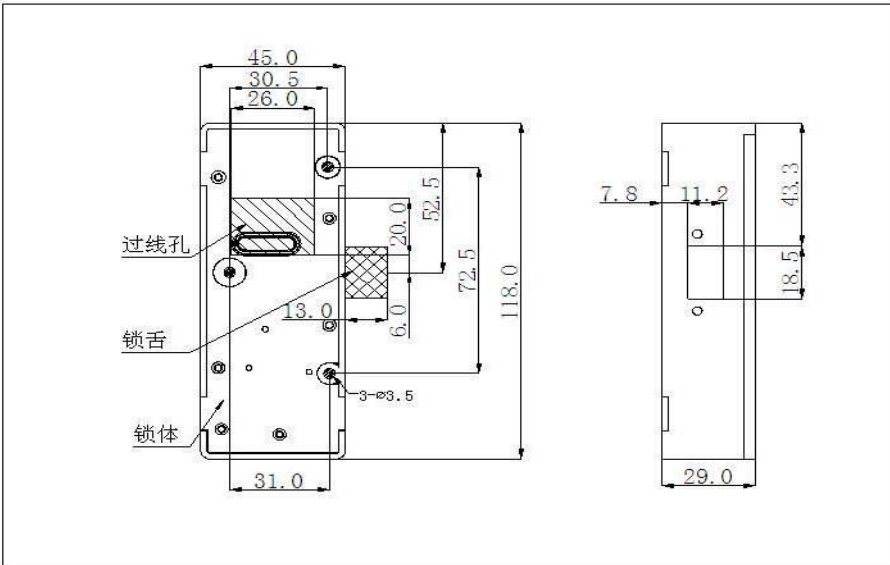
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1.Lock size and accessories

➤ PICTURE:LOCK PANEL STRUCTURE






➤ PICTURE:LOCK CYLINDER STRUCTURE



门板底孔为 $\phi 3.5$

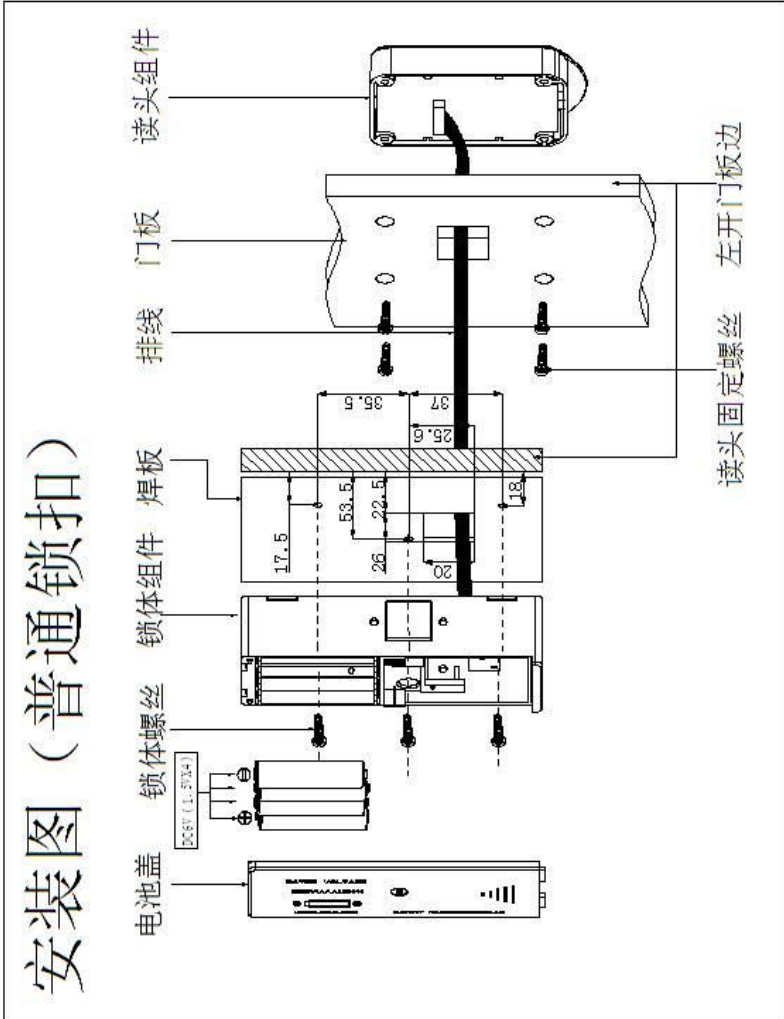
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➤ **Accessories**

Image	Item	Usage	Provide Rate	Remark
	External power supply	Open urgently when power loss	Set accessory pro rata	External power supply
	Automatic lock catch	Achieve open the door automatic	optional	Strong elasticity and endurance
	General lock strike	Close door when the bolt is lock	Normal accessory	Design on the humanized
	screw	Fixing front plate lock	Normal accessory	Attack or tap M3/M4
	Paster of simple use specification	simple use specification	Normal accessory	For prompt when open and so on

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2.INSTALL AND USE



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3. OPERATION

➤ CHANGE PASSWORD

Change Master code

Master code (Default is“00000000”) is consist of 4-10 digits number, it can be long term preservation even the interruption of power supply, the master code can change by the manager. The method of changing master code: keep pressing the “#” button about 5 seconds (yellow LED flicker) → enter the old master code→press the “#” button→enter the new master code→press “#” button, and the new master code set successfully.

Remark: After used the master code to turn on lock, the user code will return back to the default code “0”. Please change the master code in time and keeping properly for emergency 。

Private type change use code

Use code (Default is“1111”) is consist of 4-10 digits number, it can be long term preservation even the interruption of power supply, and it can be changed by users。 The method of changing user code: **Continuous press“#”button 2 times(Yellow LED flicker)→Input old user code→Press “#”button to confirm→Input new user code→Press “#”button to confirm(Green LED flicker for a long time, buzzer make 2 sound of "Di,Di"), change user code success.**

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Public type change the user code

The public type don't need to change user code , the code which used to turn off(lock) door is the code can open it. The code can set as customer pleases (Must be consist of 4-10 digits number)

➤ Turn on lock

Input new code (if you didn't change, please input default code“1111”), press “#”button to open when the green LED flicker,then pull panel you can open door. “*”is the eliminate button. When user code was lost, use master code or the frame hopping to open, user code will return to default code “1111”.

➤ Turn off lock

Private type Push the cabinet door to the close situation,then can turn off lock。

Public type When cabinet lock at the state of opening(Latch/bolt at the state of retract) , push cabinet door to the state of closing,input the password which you set, and press"#”button to confirm,then can turn off lock(Input the password you set ,it can turn on lock again).

➤ Functions

1. Sound indicate function

Different operation with different sounds to indicate

2. LED indicate function

3 kinds different color LED to indicate((yellow LED means ,red LED means low voltage, green LED means unlock)

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3. Emergency open:

- 1) When battery have not enough power to drive motor, users can connect external power supply to (Battery case) supply power to turn on lock;
- 2) When users forget password, users can input master code or frame hopping to turn on lock;
- 3) If there are problem in electronic or mechanism, users need to destroy panel to turn on lock

4. Alarm for low power

When power is too low, input password to turn on lock, red LED will flicker and with 4 groups alarm, after alarmed still can turn on lock about 100 times.

5. Password digits:

User code and Master code 4-10 digits ; Frame hopping is 10 digits

6. Restore password:

- 1) When users forget password, input master code to turn on, and then user code will recover to default code;
- 2) When forget master code, keep pressing restore button (On main PCB) about 3 seconds, then master code will recover to be default master code

7. Multilevel code manage:

There are different level password to manage, such as user code, master code and frame hopping. User code and master code can be changed as customer's requirements.

8. Password protect function

When input wrong password, yellow LED will display 4 times and buzzer make 4 sound; if continuous input wrong password 3

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times,lock main PCB will automatic lock 5 minutes, in this period if users press any keypad,it will have not any response.This function is used to avoid password was steal by somebody。

9. Mode convert function

Public mode(Type) and Private mode(Type) can use master code to convert。

Private mode convert to Public mode:* # 4 # Master code #

Public mode convert to Private mode:* # 5 # Master code #

10. State indicate function

At public mode, user can set up to there is a red LED to flicker when lock at the state of closing, this can indicate the cabinet already occupied and it is in using (This function only suitable for Public mode)

Turn on state indicate function: * # 8 # Master code #

Turn off state indicate function: * # 9 # Master cod #

11. Frame hopping function (Option function, it is not start-up before delivery)

Opening code can input as your own choice, as long as you continuous input(For example,correct password is 1234,you can input 36582141234 or 123435984236, also you can input 36235123435962 to turn on lock) the password which contain correct password,this is used to avoid somebody see the password when you input and steal it.

Turn on frame hopping function: * # 6 # Master code #

Turn off frame hopping functio: * # 7 # Master code #

Remark: From start to input correct password to finish(Include

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random password) can not more than 20 digits,else system will indicate "it is wrong"

➤ Selectable functions

Read cabinet lock information

Use PDA can collect latest turn on records (200 pcs) ,include turn on time,turn on password,and status , after collected these information,you can read it on software or PDA。

➤ Work enviroment

Working temperature: -25℃ ~ +65℃ **Working humidity:**5% ~ 95% RH

➤ Parameter

Use time: More than 100 thousand

Electronic control part:

A.Power supply: 4 pcs AAA alkaline batteries

B.Static current: When indicate LED turn off,static current $\leq 5\mu\text{A}$

C.Transient current(Turn on lock) $\leq 250\text{mA}$

D.Work current for operating keypad: $\leq 20\text{mA}$

E.Anti-static current:Anti air discharge 15KV, contact discharge 8KV

4. Service after sale

➤ Service after sale

1. Quality guaranty

Our product have got a 100% test before leave factory, correspond with ISO quality certification system, provide technical information (including install and usage specification, certificate of quality, warranty

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card, test report on quality and so on), and provide 1% accessories.

2. guarantee period: one year' s free guarantee period since you buy, promise the normal use of the product in guarantee period. Provide free to repair, maintenance and change in one year; depends on the usage of the product, we can make a after-sale treaty and we do need some service charge to provide you technical support forever after one year. Details below:

a) you can returned, change or repair if there has function fault or destroy in appearance less than 7days after you bought.

b) you can change or repair if there has function fault less than 15days after you bought; during three guarantees period, if get repaired twice and still cant work, you can provide the record on the guarantee card and the certification, then we will change the same product for free or returned according to the relevant rule; because of the unsuitable use, maintenance and keep to cause the destroy by customers not by us, or don' t have the three guarantees or other proof, or the No. of the product which get repaired is different from the product which has the three guarantees or being altered, or destroyed by irresistible power, can' t have the three guarantees right, but can have paid service.

Annotation: we will build an Info Center of the customers' information in

service system and make a encryption management to embody the promise of the service in our company, and with the excellent suitable service to remove the fear of attacks from behind of the customers.

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➤ **NORMAL FAULTS AND SOLUTION**

Noraml fault	Analysis of causes	Solution
Cant open when the green light on	Lack of internal power supply	Use the external power supply to open, change the battery immediately after open
The yellow light flicker always and have buzzing	Enter the wrong code	Enter the right code
Press the key and have no reaction	1. Lack of internal power supply 2.the winding displacement is unready	1. Use the external power supply to open, change the battery immediately after open 2.reset the winding displacement or change it
Press the key and have no reaction(yellow light flicker)	Enter the wrong code three times continuously	Wait 15 minutes then use

Technical services

When received the call from the customer about telling the fault, the service centre will hear it in 2 hours.

If you have any objection in our service, please complain to the after-sale manager.

Once after the verify of the problem you complain, we will punish the manager or the handling personnel on varying degrees.