

User Manual

SN-DJ500
Cabinet Lock

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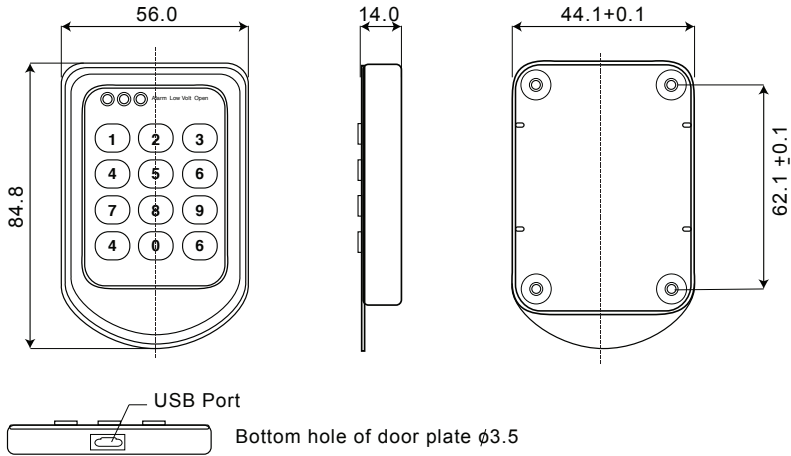
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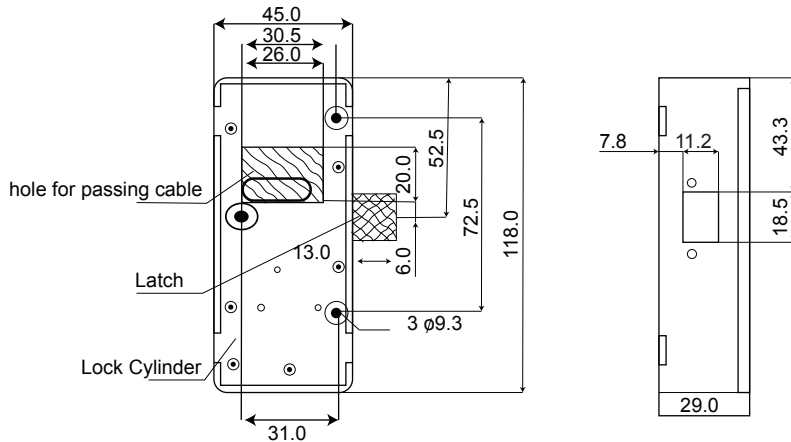
1. LOCK SIZE & ACCESSORIES

Picture: Lock Panel Structure

HM-002



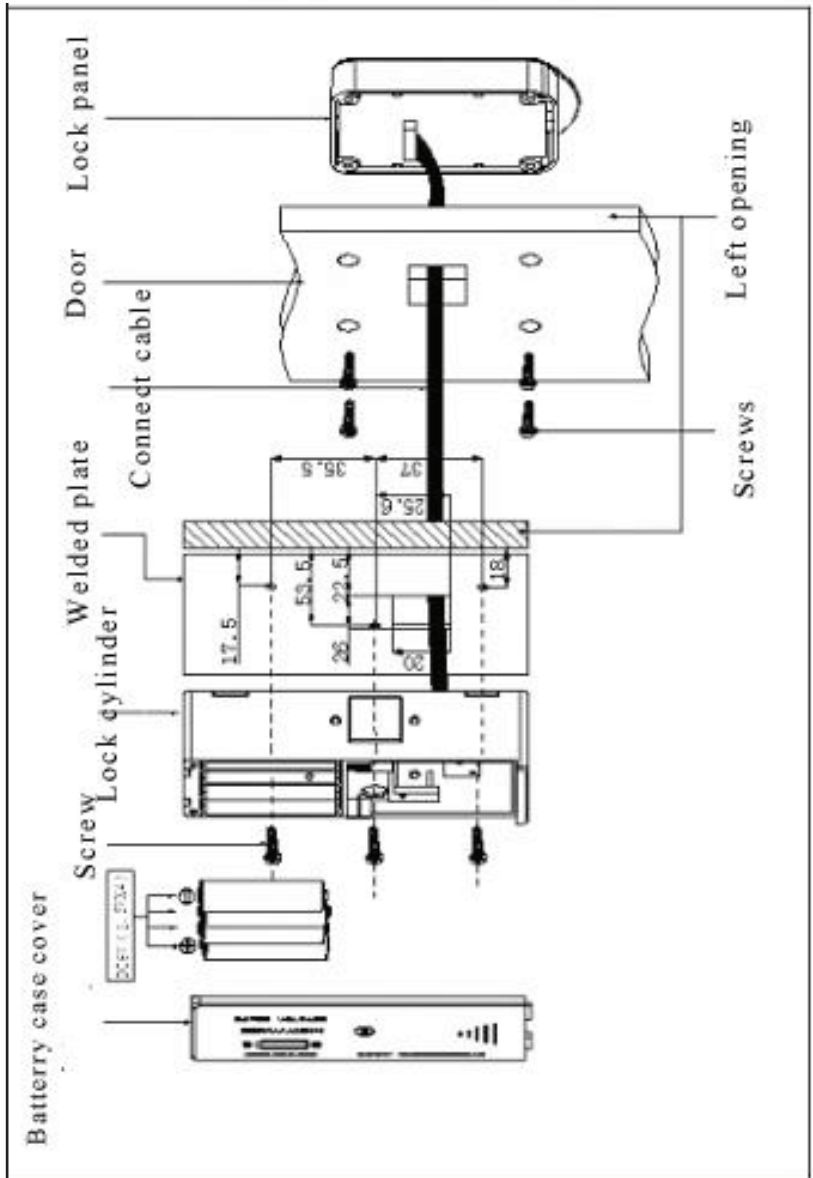
Picture: Lock Panel Structure



ACCESSORIES

ITEM	USAGE	PROVIDE RATE	REMARK
Extrenal power supply	Emergency unlock during power cut	Set accessory pro rata	Extrenal power supply
General lock strike	Close door when the bolt is locked	Normal accessory	
Screw	Fixing front plate lock	Normal Accessory	

INSTALLATION DIAGRAM (Normal Lock Catch)




3. OPERATION

Change Password

Change master code:

Master code consists of 4-10 digits. The default is “00000000”
Even in case of interruption of power supply, the code can be changed by the manager.

Steps to change:

Keep pressing the  key for about 5 seconds (yellow LED flickers).

Now enter the old master code

Press the  button

Enter the new master code

Press  button

New master code is set successfully

Note: After using the master code to turn on the lock, the user code will return to the default code “1111”. Please change the master code in time and save for emergency.


3. OPERATION

Change Password

Change Master Code:

Master code consists of 4-10 digits. The default is “00000000”
Even in case of interruption of power supply, the code can be changed by the manager.

Steps to change:

Keep pressing the  key for about 5 seconds (yellow LED flickers).

Now enter the old master code

Press the  button

Enter the new master code

Press  button

New master code is set successfully

Note: After using the master code to turn on the lock, the user code will return to the default code “1111”. Please change the master code in time and save for emergency.

Change Private User Code:

User code consists of 4-10 digits number. The default is “1111”


Steps to change:

Keep pressing the  key 2 times (yellow LED flickers)

Input old user code

Press  button to confirm

Input new user code

Press  button to confirm (Green LED flickers for a long time and the buzzer makes a “Beep Beep” sound

New user code is set successfully

Change Public Code:

Public user code doesn't need to change. The code used to 'Turn off' (lock) door can be used to open it.

The code must consist of 4- 10 digits number. It can be set as the customer pleases.

Turn on Lock

Input new code (in case the default code is not changed, please input default code "1111")

Press "#" button to open when the green LED light flickers

Then, pull the panel and you can open the door.

'C' is the exit button.

If the user code is lost, use the master code or the frame hopping to open, user code will return to the default code "1111"

Turn Off Lock:

Private type: Push the cabinet door to close, then turn off lock.

Public type: When cabinet lock is open (Latac/both is retracted) push the cabinet door to close, input the password which you set, and press "#" button to confirm, then you can turn off lock. (Input the password you set, it can turn on lock again).

Functions:**1.Sound Indication:**

The system sounds different sounds to indicate different functions.

2.LED indicates function:

Different colours of LED indicate various functions.

Red LED = Low Voltage

Green LED = Unlock

3. Emergency Open:

a)When battery doesn't have enough power to drive motor, users can connect external power supply to (Battery case) supply power to turn on lock.

b)When user forgets a password, user can input master code or frame hopping to turn on lock.

c)If there is a problem in electronics or mechanisms, users need to break the panel to turn on the lock.

4. Alarm for low power

When power is too low, input password to turn on lock, red LED flickers and sounds alarm of 4 beeps.

After the alarm rings, the lock can be unlocked about 100 times.

5. Password digits:

User code & master code 4- 10 digits;

Frame hopping is 10 digits

6. Restore password:

a)When users forget password, input master code to turn on & then user code reverts to default code.

b)When master code is forgotten, keep pressing restore button (on main PCB) about 3 seconds, then master code will revert to default master code.

7. Multi-level code manage:

There are different levels of password to manage, such as user code, master code & frame hopping. User code & master code can be changed as per customer's requirements.

8. Password protect function:

When a wrong password is input, yellow LED displays 4 times & buzzer makes 4 beeps. If the wrong password is input 3 times, the lock's main PCB will autolock for 5 minutes. During this time, if users press any key, it will not respond. This avoids password theft.

9. Mode convert function

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

Private mode convert to Public mode: C Master code

Public mode convert to Private mode: C Master code

10. State indicate function:

In public mode, a red LED light may flicker when the lock is closed. This indicates that the cabinet is already occupied & in use. (This function applies only to Public mode)

Turn on state indicate function: C Master code

Turn off state indicate function: C Master code

11. Frame hopping function (Optional function, it is not started before delivery)

Opening code can be input as per your choice, as long as you continuously input (Eg. correct password is 1234, you can input 36582141234 or 123435984236, also you can input 36235123435962 to turn on lock.) the password which contains correct password. This avoids password theft if someone is watching while you input.

Turn on frame hopping function: C Master code

Turn off state indicate function: C Master code

Note: The random password (including correct password) cannot exceed 20 digits. Else, the system display an "Error"

SELECTABLE FUNCTIONS:**Read cabinet lock information**

Use PDA can collect latest turn on records (200) including turn on time, turn on password and status. After collecting this information, you can read it on the software or PDA.

Work environment:

Working Temperature: -25°C - +65°C

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 LED light is turned off, static current $\leq 5\mu\text{A}$

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

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

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

After Sales Service:

1. Quality guarantee Our products have been factory tested, correspond with ISO quality certification system, provide technical information (including installation and usage).

Warranty: 1 year warranty applied to the product with normal usage, not covering mis-handling, physical damage etc. Repair, maintenance or replacement service provided as required.

Normal Errors & Solutions:

Normal Fault	Analysis of causes	Solution
Can't unlock when the green light is on	Lack of internal power supply	Use the external power supply to open, change the battery immediately
The yellow light flickers always & buzzes	Wrong code has been entered	Please enter the right code
No reaction on pressing the key	1. Lack of internal power supply 2. The winding displacement is not ready	Please enter the right code
No reaction on pressing the key (yellow light flickers)	Wrong code has been entered 3 times	Wait 15 minutes then use