



Trinity 788 Operation Manual

- Thank you for purchasing this product
- Read this manual thoroughly before use
- Keep this manual for the convenience of future reference

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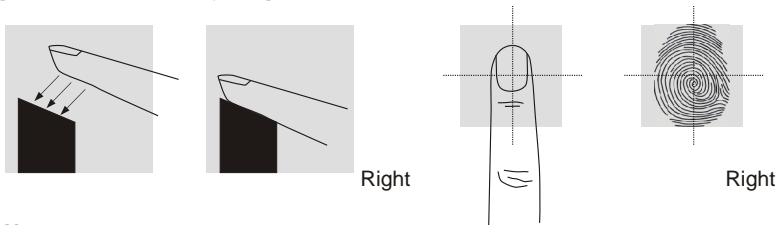
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Notice

1. Keep your fingers clean when using this product.
2. In the state of new lock (factory setting), the lock can be unlocked with any fingerprint.
3. When opening the door, if the lock beeps an alarm and the indicator light flashes red, it's indicating the lock is in insufficient voltage level. Please change the batteries.
4. This product can save 99 fingerprints, among which 3 are master fingerprints (Code: 00-02), and other 96 are member fingerprints (Code: 03-98). Additionally there is also a set of spare password for unlocking (Code: 99).
5. Deletion of fingerprint is to delete each fingerprint separately according to its code; the fingerprint cannot be deleted unless you know the code.
6. The dirt on the surface of fingerprint collection window may affect the normal use. Therefore please keep it clean.
7. Do not clean the lock surface with corrosive substance, or else the protection layer may be damaged and thus influence the gloss of the lock surface. Therefore please clean the lock surface periodically with "furniture polish wax" (e.g. "Pledge").
8. If the latch bolt fails to draw back and forth freely, or the door cannot be closed normally due to the distortion of the door, please adjust the strike plate's position.
9. When the fingerprint and password fails to work, use the mechanical key to open the door; please keep the mechanical key in a proper place.

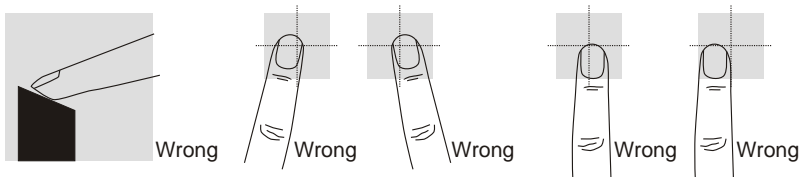
• Right method to apply fingerprint



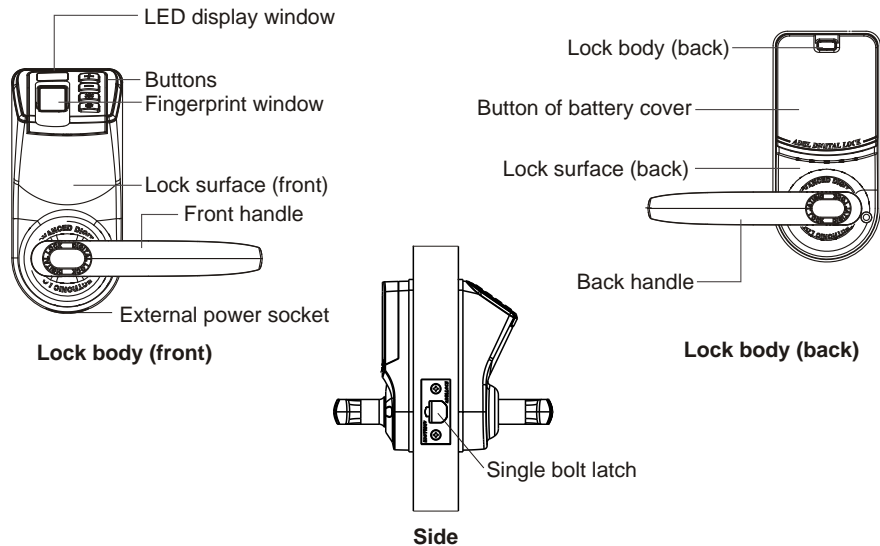
Notes:

When the red light on fingerprint collection window flashes, press your finger onto the window, and then remove your finger after a beep; press your finger again after 2 seconds, if you hear two long beeps, the collection is successfully completed.

• Error in applying fingerprint



• **Name of the parts**



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Trinity 788 Door Lock Operation Instructions

• Instructions of the lock buttons

Buttons	Function in setup state	Other functions
Button “+”	Enter the enrollment mode	Figures 0-9 up
Button “-”	Enter the deletion mode	Figures 0-9 down
Button “*”	Cancel current operation	Setup passage mode
Button “#”	Confirm current operation	Activation (Activate the lock to work state)

• Indication of the lock state

1. Operation succeeded: green light on, with two long beeps.
2. Operation failed: red light on, with two short beeps.
3. Door open: electric engine makes a rolling sound for the first time, which indicates the lock is in door open state.
Door closed: electric engine makes a rolling sound for the second time, which indicates the lock is in door closed state.
4. Enter passage mode: the lock makes a beep, and after the successful setup, the green indicator light flashes every 5 seconds. Refer to P.18 for passage mode setup.

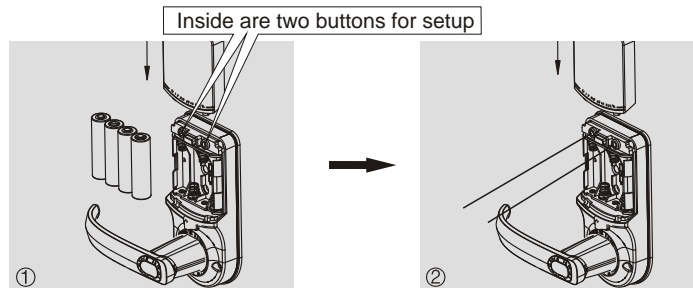
I. Assignment of fingerprint and password

Types	Number	Code	Privilege	
Master fingerprint	3	00-02	Add/delete fingerprint	Passage mode
Member fingerprint	96	03-98	Open the door	
Password	1 set	99	Open the door	

Note:

The three master fingerprints can delete each other. At the deletion of the last master fingerprint, the lock resumes to the factory setting.

II. Initialization of the door lock



Specific operations:

a) Press the on battery cover button, slide the battery cover upward and remove it, you can see one hole at each side, and inside each hole there is a button for setup;

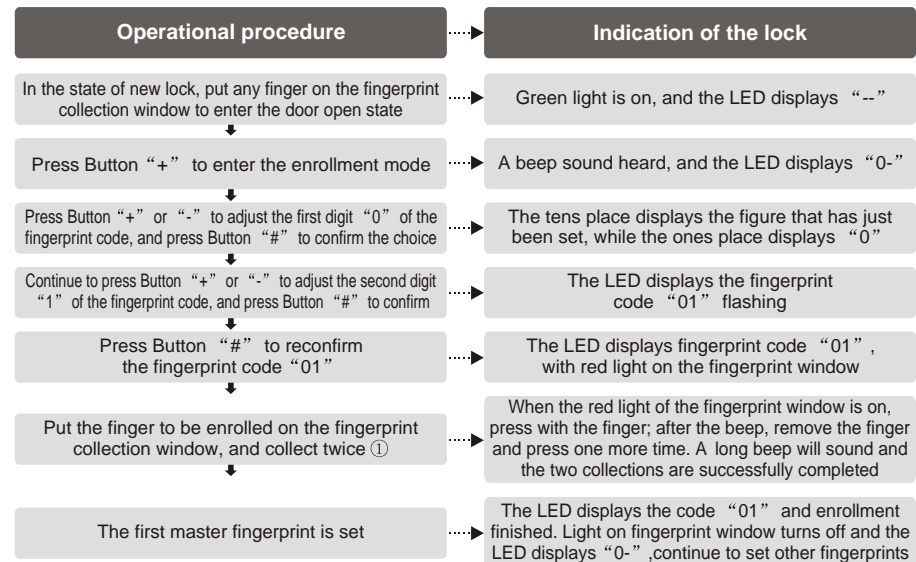
b) Remove either of the four batteries, pressing the buttons on the front side to confirm the power is successfully cut off, then insert into the two holes to press the buttons inside with two slim objects (e.g. iron wire) at the same time, hold it tight (not to release), and reload the battery. The lock is then re-powered, if you hear a toot sound after 5 seconds, the initialization of the lock is successfully completed, and you may lose the slim objects.

Note:

After initialization of the lock, all the enrolled fingerprints and password in the lock are cleared, and the lock resumes to the new lock state (factory setting). Any finger can open the door, and master fingerprints, member fingerprints, as well as spare passwords need to be set again.

III. Enrollment of master fingerprints / member fingerprints

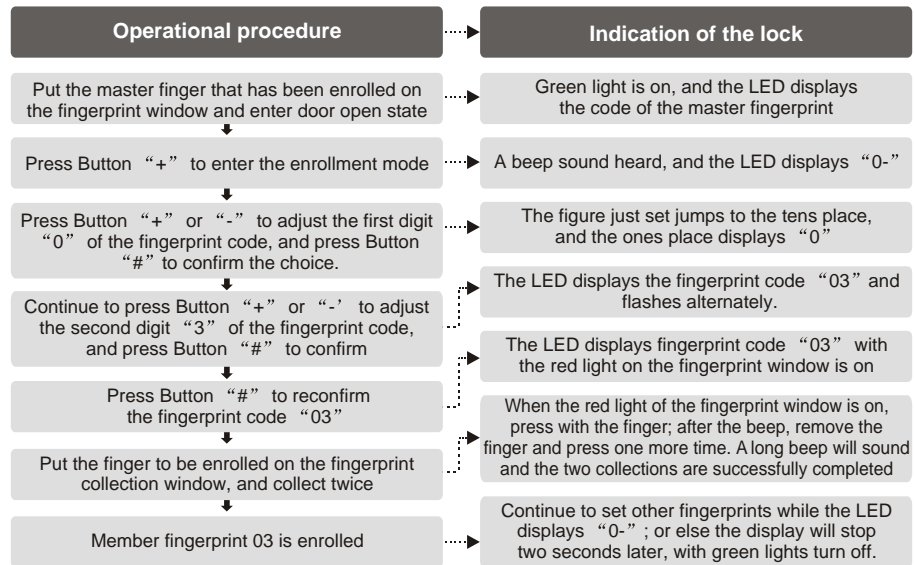
• **Enrollment of master fingerprints (take user “01” as an example)**



Notes:

1. If the buzzer makes two short beeps, and the red indicator light flashes, the setup fails;
2. Each lock can only set 3 master fingerprints with code “00-02” , and the master fingerprints can delete each other, open the door, setup passage mode, as well as authorize and setup or delete the member fingerprints and spare password;
3. After successful enrollment of the first master fingerprint, continue operation while the LED displays “0-” to enroll other fingerprints needed; or else the LED will stop display two seconds later;
4. When inputting fingerprint code, you can press Button “*” to cancel current operation and re-input, or press Button “*” during operation to exit setup state;
5. Refer to “Notes” of “Right method to apply fingerprint” (P 02) for operation ①.

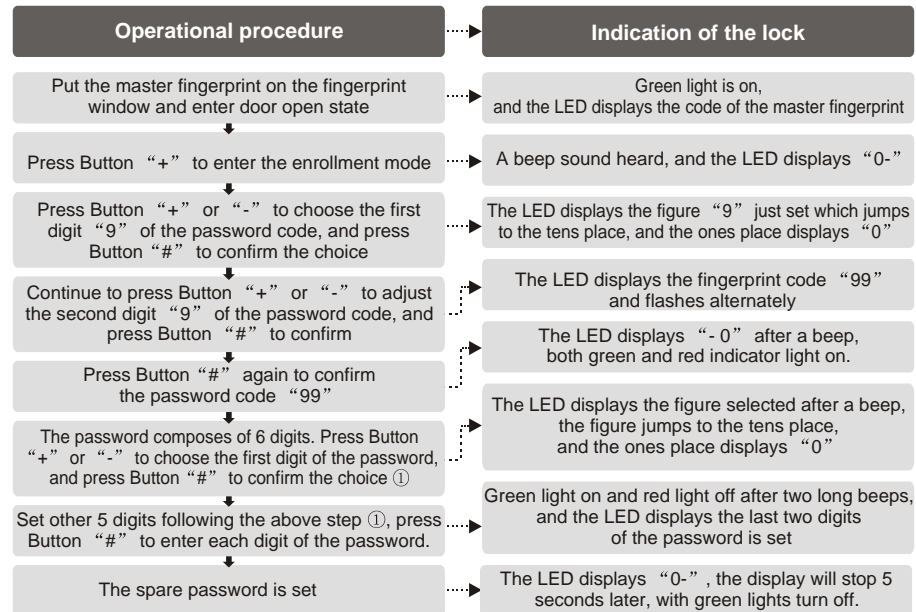
• **Enrollment of member fingerprints (take user “03” as an example)**



Notes:

1. If the buzzer makes two short beeps, and the red indicator light flashes, the member fingerprint setup fails;
2. After successful enrollment of a member fingerprint, continue operation while the LED displays “0-” to enroll other fingerprints needed; or else the LED will stop display two seconds later;
3. The enrollment of the member fingerprints can only be completed under the authorization of the master fingerprint;
4. The fingerprint codes are correspondent with the members. The above explanation takes the user with fingerprint code “03” as an example;
5. When inputting fingerprint code, you can press Button “*” to cancel current operation and re-input, or press Button “*” during operation to exit setup state;

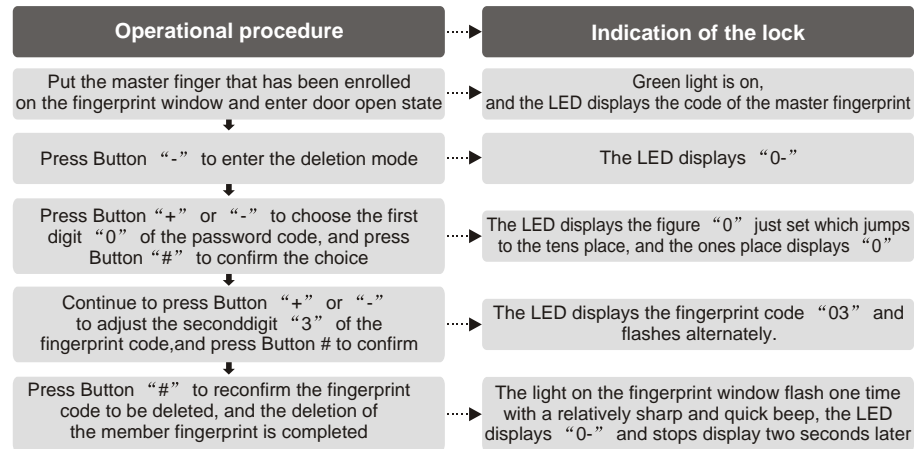
IV. Setup of spare password (code 99)



Notes:

1. The original password of the new lock (factory setting) is “11111”, and this original password will be cleared at the time of the successfully enrollment of the master fingerprint
2. The spare password must be of 6 digits, which is an arbitrary combination of the figures “0~9” ;
3. Only one spare password can be set for each lock, and with the code “99” . The spare password is the only password that can open the door, you can change it and delete it; please refer to P.15 for deletion of password;
4. During the setting, the confirmed figure will be moved automatically to the tens place of the LED, with the figure to choose and confirm at the ones place;

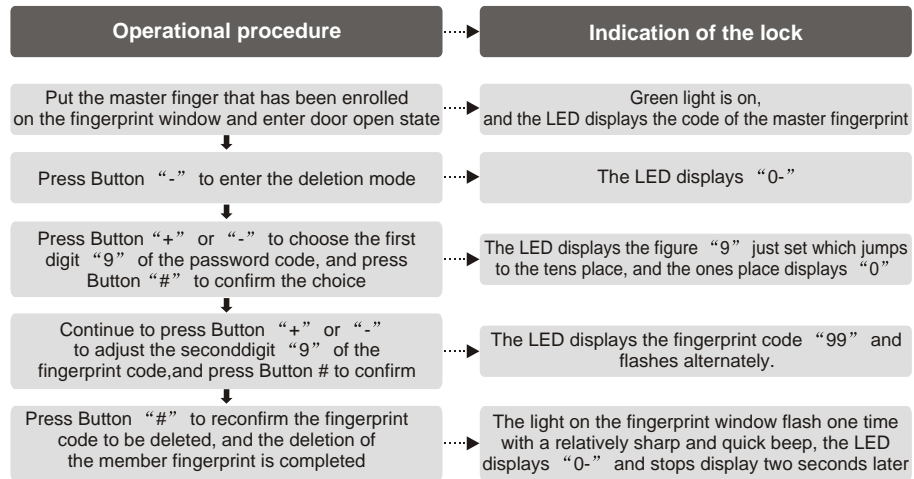
V. Deletion of fingerprints (take user “03” as an example)



Notes:

1. Continue to input fingerprint code while the LED displays “0-” , and repeat the operation for deletion of other fingerprints;
2. The fingerprint codes “00-02” are master fingerprints, while “03-98” are member fingerprints;
3. The deletion of the member fingerprint can only be completed when its fingerprint code is available.

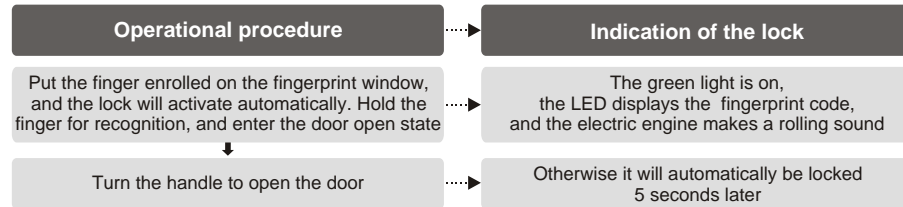
VI. Deletion of password (Code “99”)



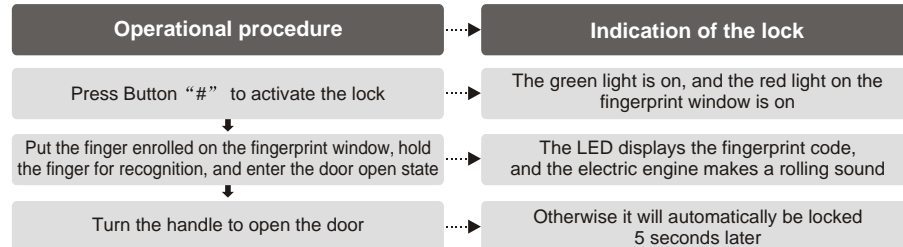
VII. Daily use state

• Open the door with fingerprint

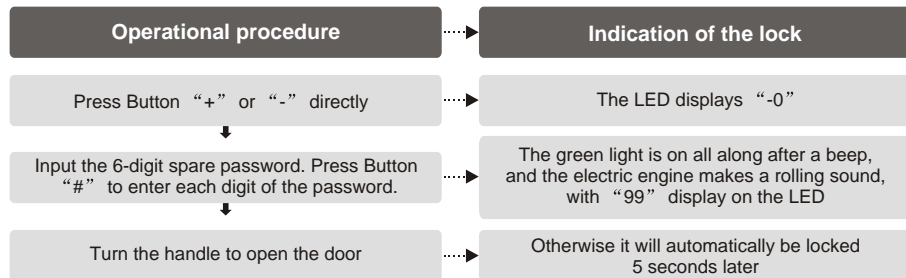
1. Start automatically



2. Start manually



- **Open the door with password**



Notes:

1. Method of password input: Press Button “+” or “-” to choose the first digit of the password, and press Button “#” to confirm the choice. Continue to choose other five digits with the same method;
2. In case the automatically start function fails, press Button “#” to start it manually;
3. If the operation fails, the red light will be on, and two short beeps sound.

- **Setup passage mode**

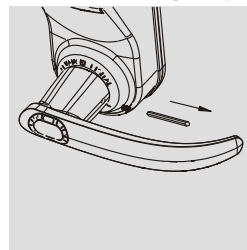
Press Button “*” or “#” within 5 seconds after the door opened, and the passage mode is set.

Note: Passage mode refers to the state in which the door can be opened immediately by turning the handle without recognition of fingerprint or password. It is for the convenience of conferences or gathering.

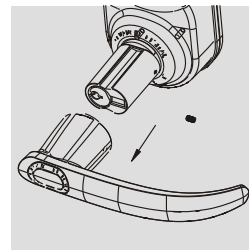
- **Cancel passage mode**

When the lock is in passage mode, place an enrolled fingerprint or input the valid password to cancel the passage mode.

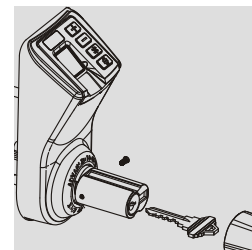
VIII. Use of emergency key



Remove the screw with an instrument



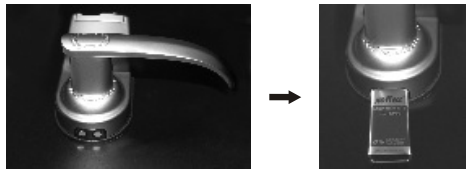
Remove the handle and you will see the key hole



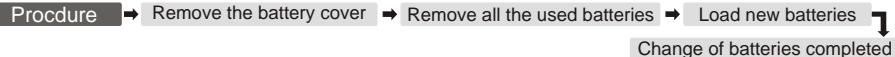
Insert the key and open the door

IX. Use of external power

If it fails to operate the lock normally due to insufficient voltage, use a 9V battery for emergency power supply (pay attention to the positive and negative poles of the battery), and then place an enrolled fingerprint or input the spare password to open the door.



X. Change of batteries



Notes:

1. When loading the batteries, operate correctly with attention to the sign of positive and negative poles in the battery box!
2. When changing batteries, never mix the new battery with the used.
3. Please preserve the environment by handing over the used batteries to designated place for reclaim.

After Sales Service

Please contact your local dealers for the maintenance service.

• **Solution for common error**

Phenomenon	Cause	Solution
Press the finger on the fingerprint collection window to open the door, red light is on together with two short beeps, and fails to open the door.	<ol style="list-style-type: none"> 1. This fingerprint might be illegal 2. This fingerprint has already been cleared 	Apply a valid fingerprint
Open the door with a valid fingerprint, red light is on with two short beeps, and fails to open the door.	<ol style="list-style-type: none"> 1. There is a large difference with the position of the valid fingerprint 2. The fingerprint is damaged 	Press the finger on the collection window again, trying to minimize the difference of the position with that at the time of enrollment
Red light is constantly on	<ol style="list-style-type: none"> 1. Low battery voltage 2. PCB failure 	<ol style="list-style-type: none"> 1. Change the batteries 2. Check Cable connection
Alarm sounds when open the door	Low battery voltage	Change the batteries
No response after pressing the buttons	No battery	Change the batteries
Often fail to verify the fingerprints	<ol style="list-style-type: none"> 1. The finger is too dirty 2. The finger is too dry 3. The finger is too wet 4. The collection window is too dirty 5. The finger press on the collection window incorrectly 	<ol style="list-style-type: none"> 1. Clean the finger 2. Moisten the finger (e.g. touch the forehead with the finger) 3. Wipe the finger 4. Clean the collection window 5. Press the finger with the method on Page 2
Fail to enter the enrollment or deletion mode	<ol style="list-style-type: none"> 1. The finger for unlock is not the master finger 2. The operational procedure is incorrect 	<ol style="list-style-type: none"> 1. Confirm that you unlock with the master finger 2. Review the instructions or contact the after sales service