

LAVO 樂沃

L313-ZB 智能指紋密碼鎖

L313-ZB Intelligent Fingerprint
Combination Lock

使用說明書

User Manual



樂享生活 由您掌沃

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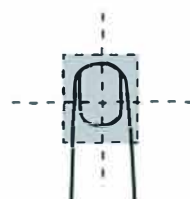
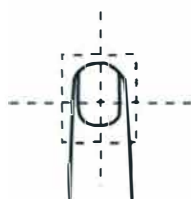
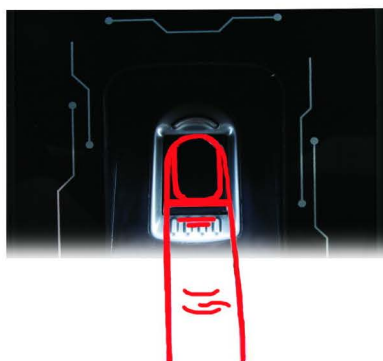
1. 正确输入指纹方法

手指放置方法

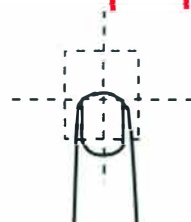
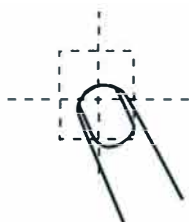
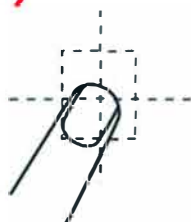
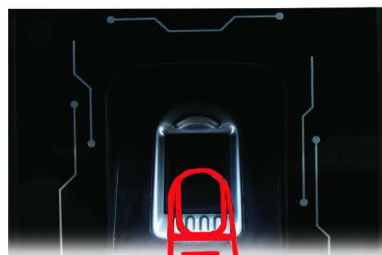
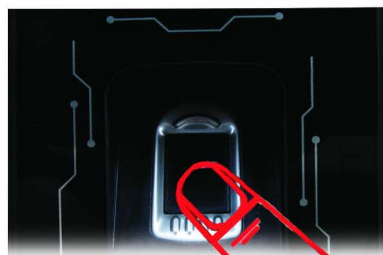
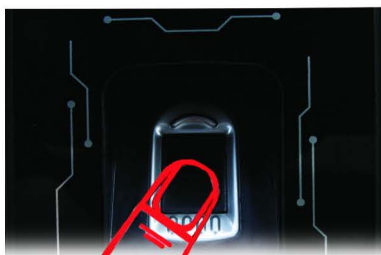


指纹放置方法示意图

正确指纹输入



错误指纹输入



2. 產品特征

指紋生物識別技術

值得信賴的全球最新指紋算法，具有指紋智能記憶功能，可記錄習慣性指紋輸入動作，徹底解決了人造假指紋問題，安全有保障。

美國真皮層指紋識別技術

手指輕輕按壓識別器，指紋識別精準，反應靈敏。

觸摸屏密碼按鍵

鋼化玻璃觸摸屏，LED密碼按鍵，堅固耐用，操作方便，反應敏捷。

密碼亂碼輸入功能（防止旁人偷窺密碼）

輸入正確密碼前，可輸入任意總數不能超過12位，防止密碼泄露，及用手觸摸面板確認開門，防止指紋殘留。

采用觸摸密碼鍵盤

當觸摸數字鍵時，該數字鍵背景燈變暗，當觸摸下壹個數字時上壹個數字鍵背景燈亮起，該數字鍵背景燈變暗。

語音提示功能

真人語音提示功能：中英文語音可選。

上電功能

手指觸摸密碼區就可直接上電，無需按上電鍵進行上電。

电击保护（ESD保护）

受到高压电击后仍能正常工作。

天地锁功能

根据国内防盗门设计的电控锁体，出门时只需将把手上提，天地锁即可上锁，增加安全性。

户内反锁功能

防止儿童误触反锁钮设计

应急机械锁匙紧急开启

当遇到电池没电或其他问题时，您可以使用应急机械钥匙紧急开启。

双重保安

开门时，同时输入正确的密码和指纹，门才能开启，增强安全性。

紧急电流系统（DC9V碱性干电池）

当电池没电无法开门时，您可以接外部电源正常使用。

低电量提醒功能

当电池低电压开门时，输入密码或指纹输入时，语音会提示“电池电量不足，请及时更换电池”。

3. 产品规格

名称	规格	备注
室外（前锁体）	80（W）X310（H）X25（D）	电压：DC6V 温度：-20℃—+70℃ 湿度：10%—95%RH
室内（后锁体）	80（W）X310（H）X25（D）	
把手	锌合金铸件（前、后把手）	符合人体工学设计
其他	应急钥匙3把	可输入4—12位密码 最多输入100枚指纹
重量	5.2kg	
触摸密码按键	12个	钢化玻璃触摸屏
电源	4节1.5VAA型碱性干电池	电池寿命6—12个月 （根据电池性能，使用次数会有所差别）
锁芯	双排原子超B级铜锁芯/AB锁芯	产品材质：铜、镀铬

电池寿命是本公司自己测试的结果，但实际根据安装地方的温度、湿度、使用的次数和电池的品质会有所差别。

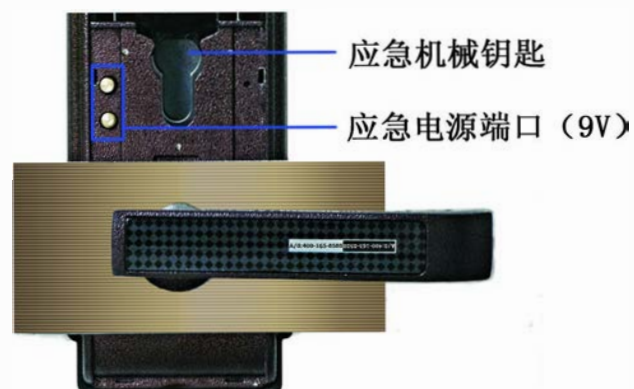
放入干电池时请确认（+）（-）极。放入错误时导致干电池的漏液或破损，请注意。请把干电池全部更换，不要混用新、旧或已用完的电池。使用不良干电池会导致产品发生异常，请使用正品碱性干电池。

4. 各部件名称

室外锁体



打开隐藏式锁芯盖板





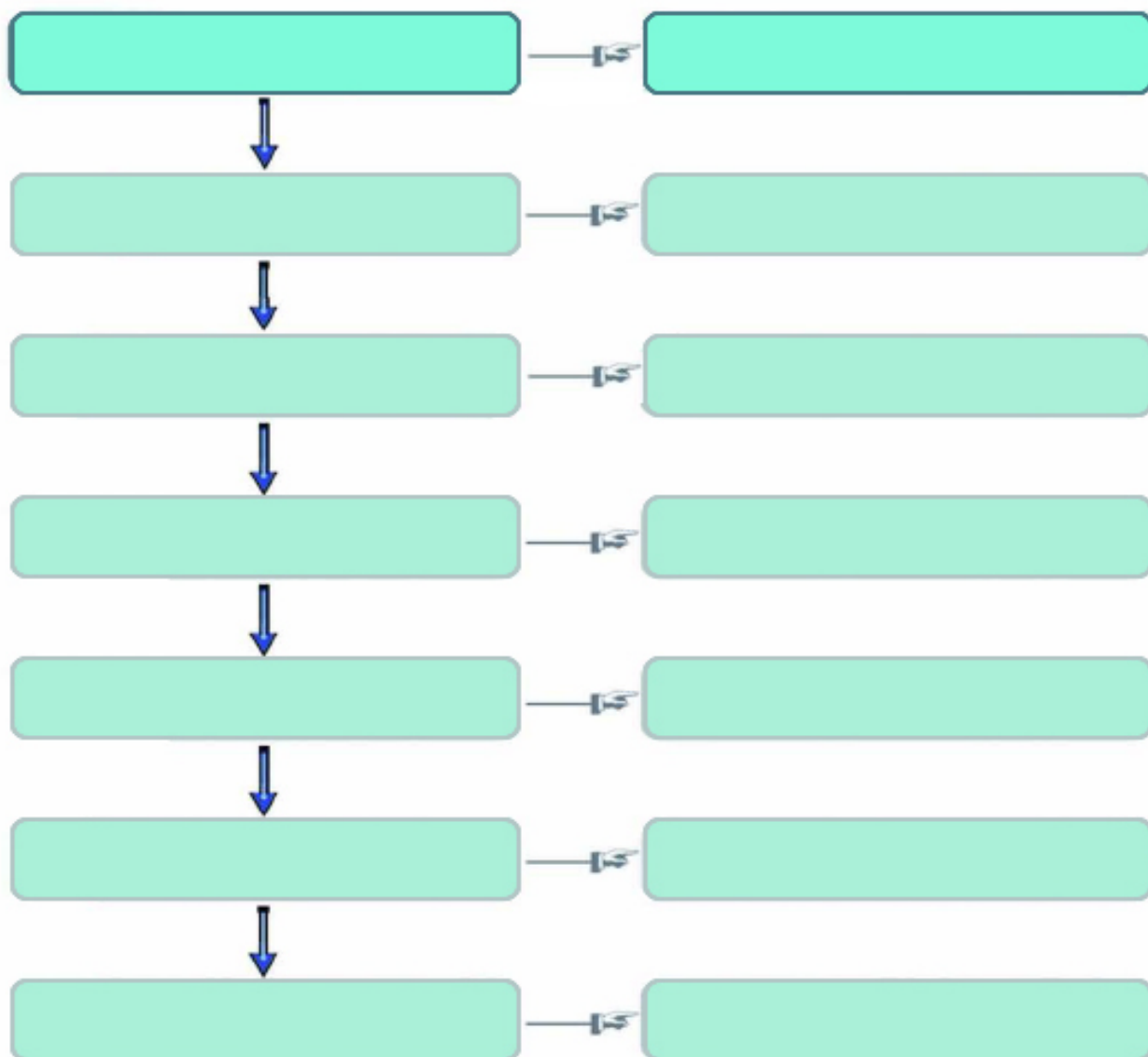
注意：
锁上方式，请拉起保险钮并旋转
开启方式，请直接旋转保险钮

5. 門鎖按鍵說明

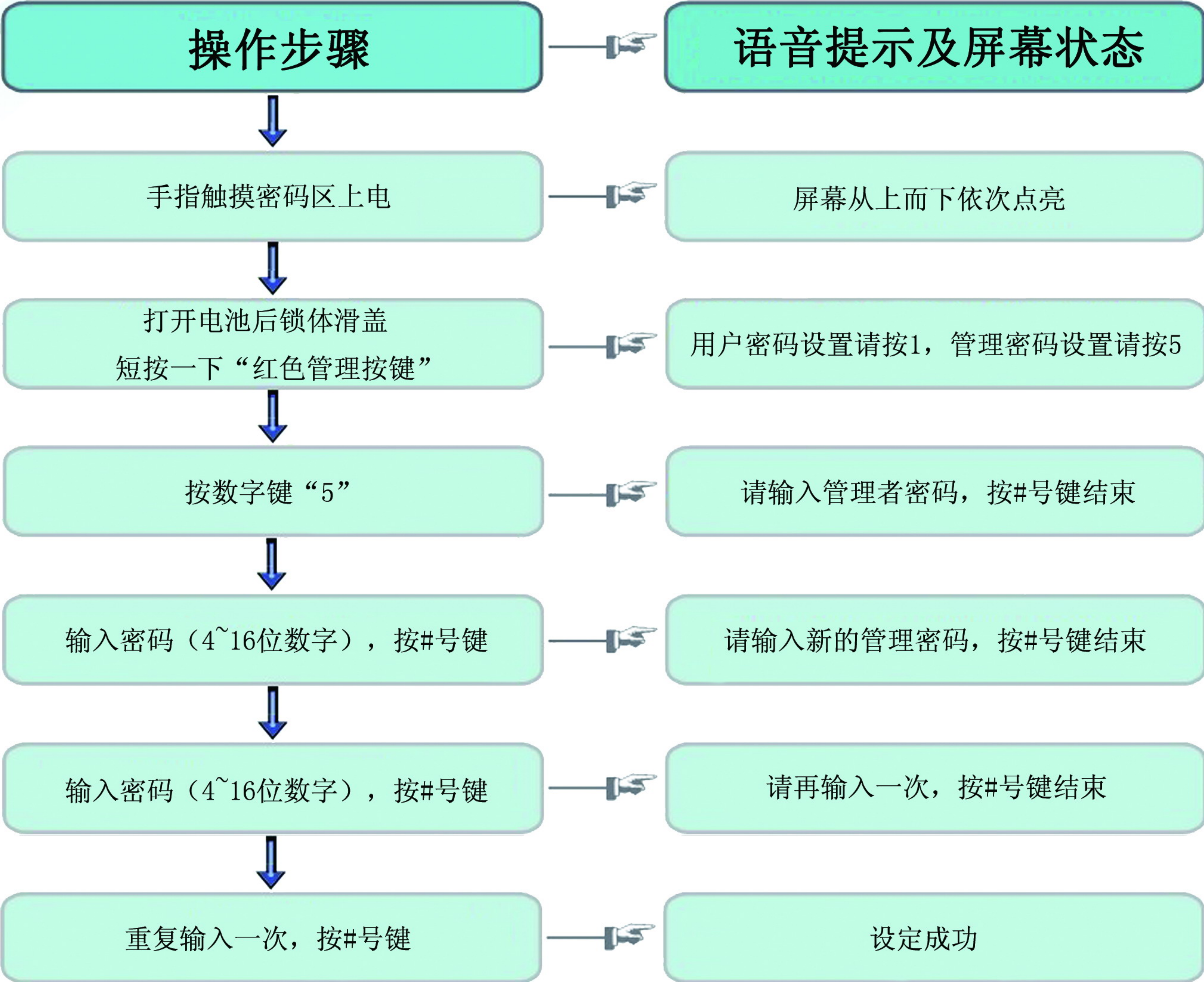
序號	名稱	定義
1	“1” 鍵	密碼設定：用戶密碼設置：指紋登入：語音設定：語言模式
2	“5” 鍵	指紋設定：管理密碼設置：指紋刪除：雙重保安設定：英文模式
3	“9” 鍵	網絡連接設定；其他設定：靜音模式
4	“*” 鍵	啟動設定；繼續登入指紋
5	“#” 鍵	結束

6. 密碼設置

a. 用戶密碼設置



b. 管理密码设置

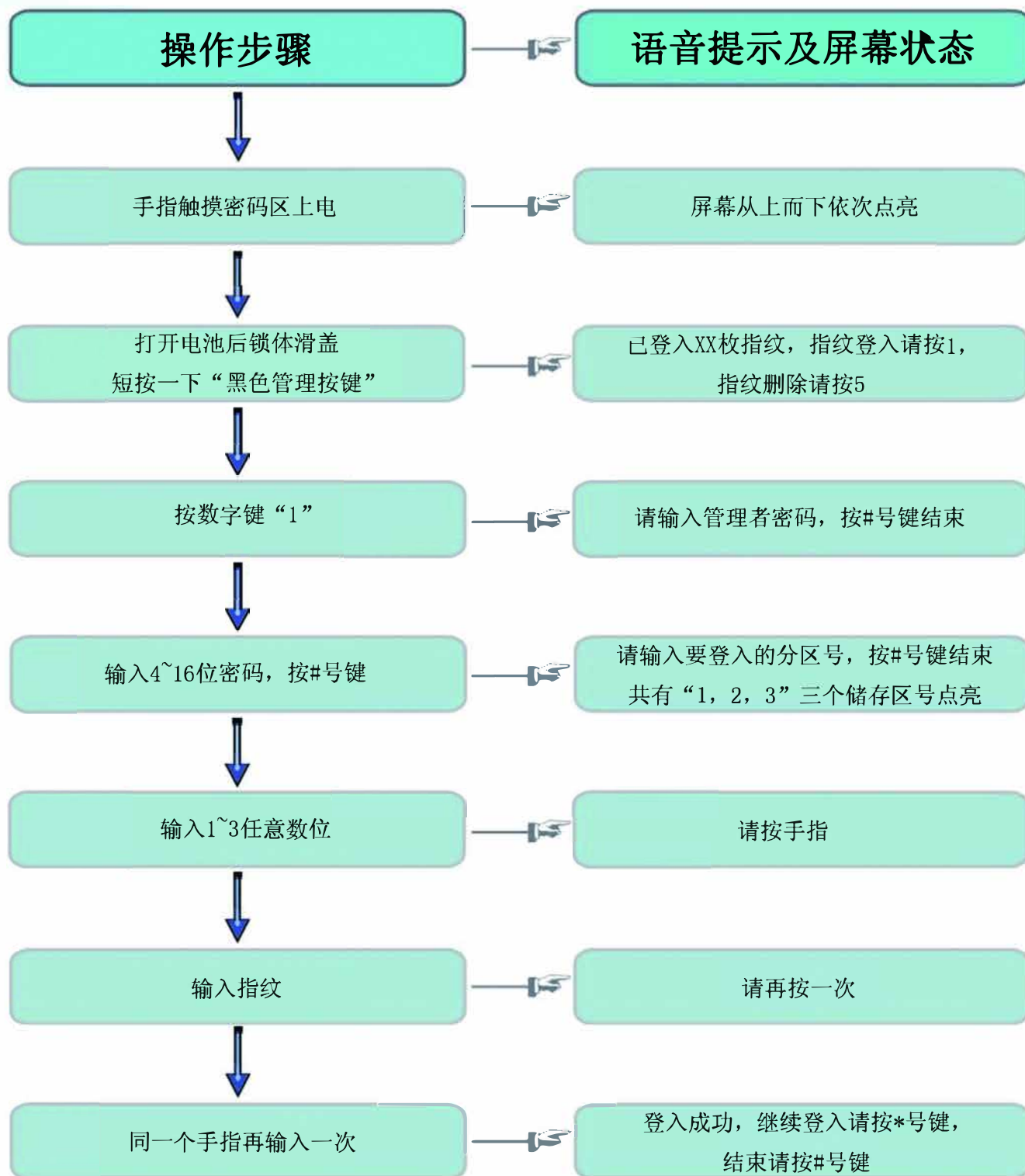


错误操作及语音提示:

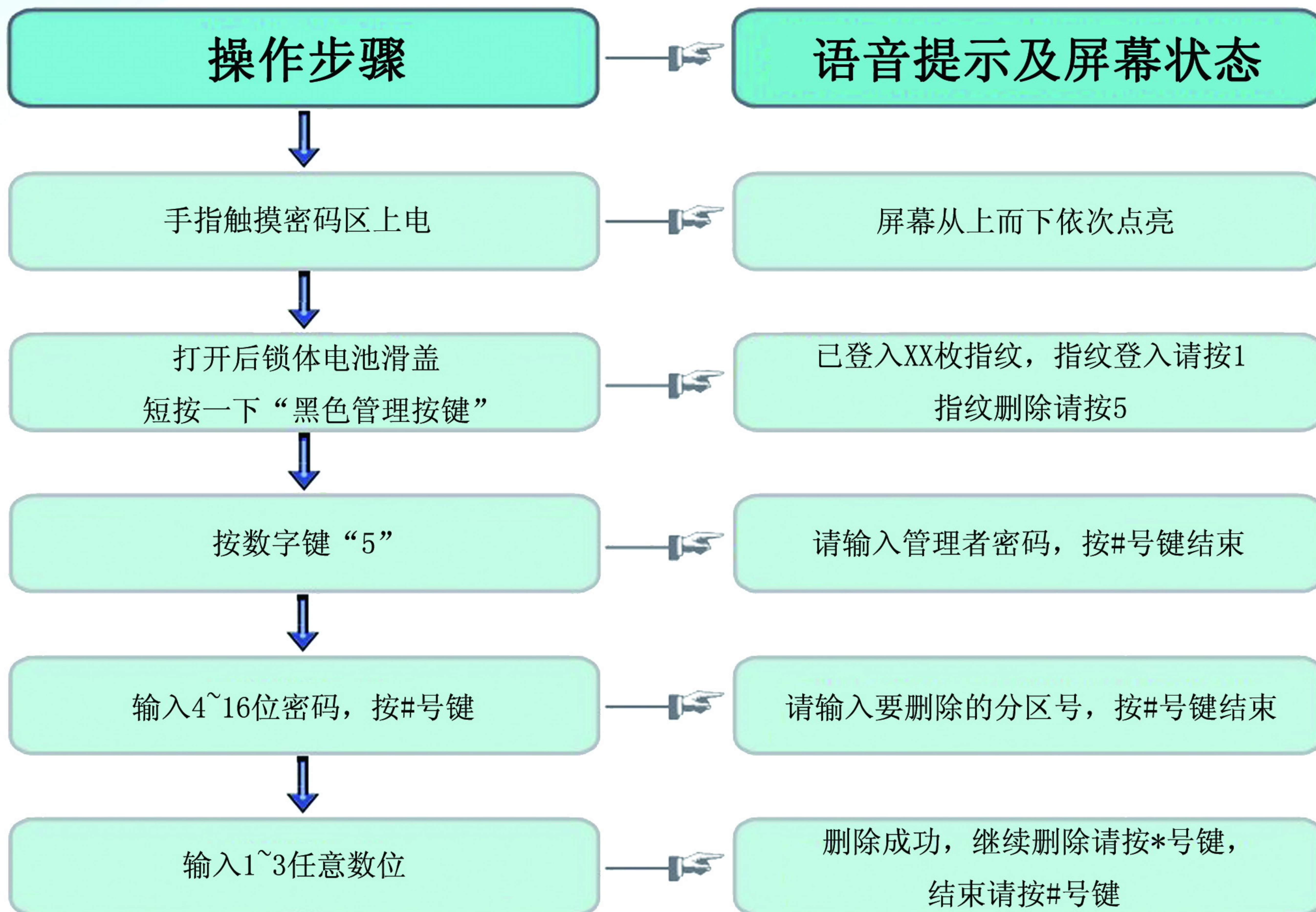


- a. 按注册键后，再按数字键2 3 4 6 7 8 #号键*号键出现语音提示“输入错误”。操作过程中未操作完毕，按键后不进行任何操作10s后熄灯断电，语音提示“登入超时”。
- b. 错误的密码：①密码位数少于4位，多于16位。 ②输入正确密码或不正确密码后按*号键。③密码不正确。④除上面3种密码输入错误方式以外的密码错误。第一、第二次输入密码错误会语音提示“输入错误，请再输入一次”，第三次输入密码错误会熄灯断电，并语音提示“输入错误”。

7. 指纹设置



8. 指纹删除

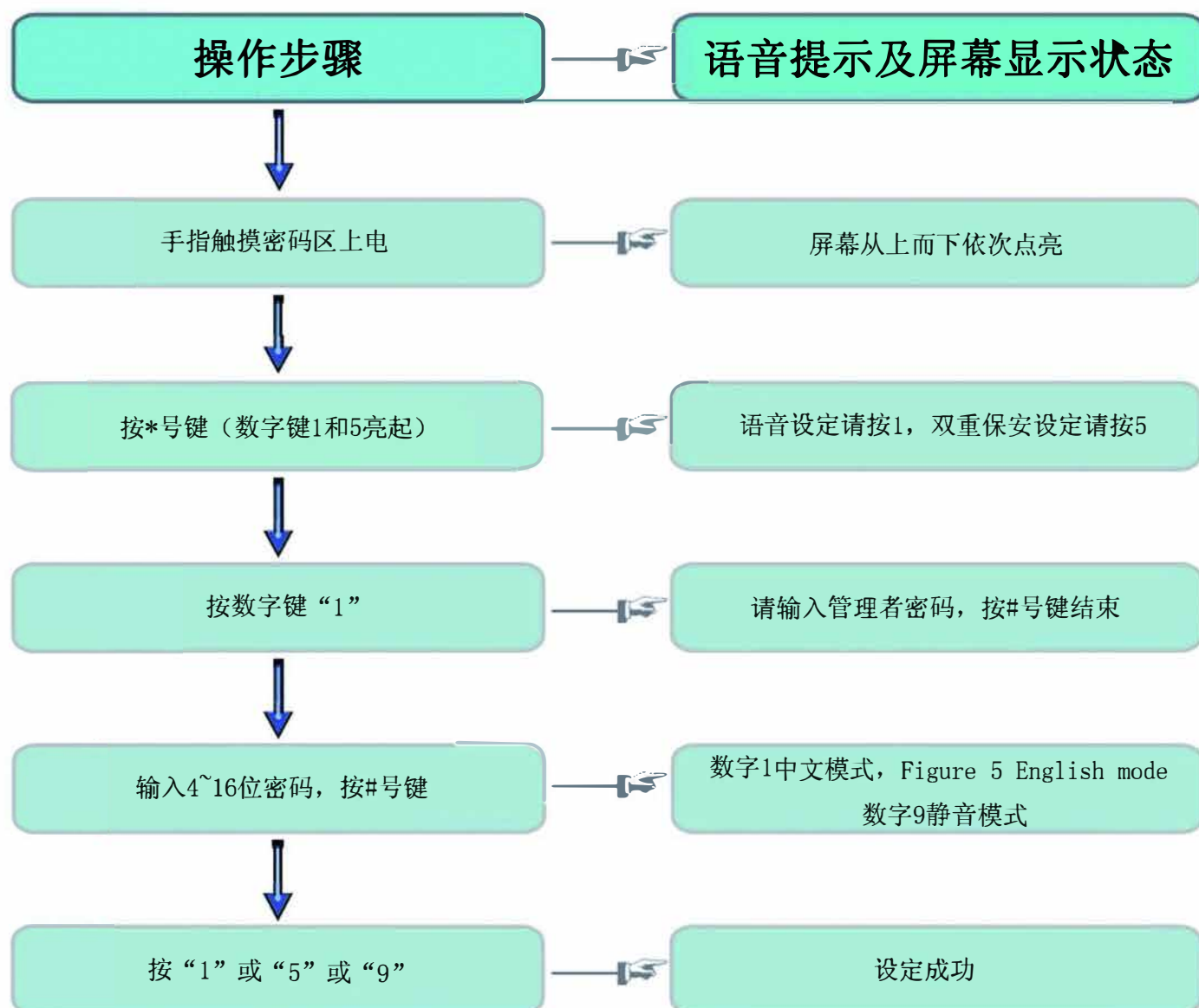


- a. 错误的密码：①密码位数少于4位，多于16位。②输入正确密码后按*号键。③密码不正确。④除上面3种密码输入错误方式以外的密码错误。
- 第一、第二次输入密码错误会语音提示“输入错误，请再输入一次”，第三次输入密码错误会熄灯断电，并语音提示“输入错误”。
- b. 选区错误，语音提示“输入错误，请再输入一次”。
- c. 指纹输入错误，语音提示“请再按一次”。
- d. 在操作过程中未操作完毕，按键后不进行任何操作10s后熄灯断电。

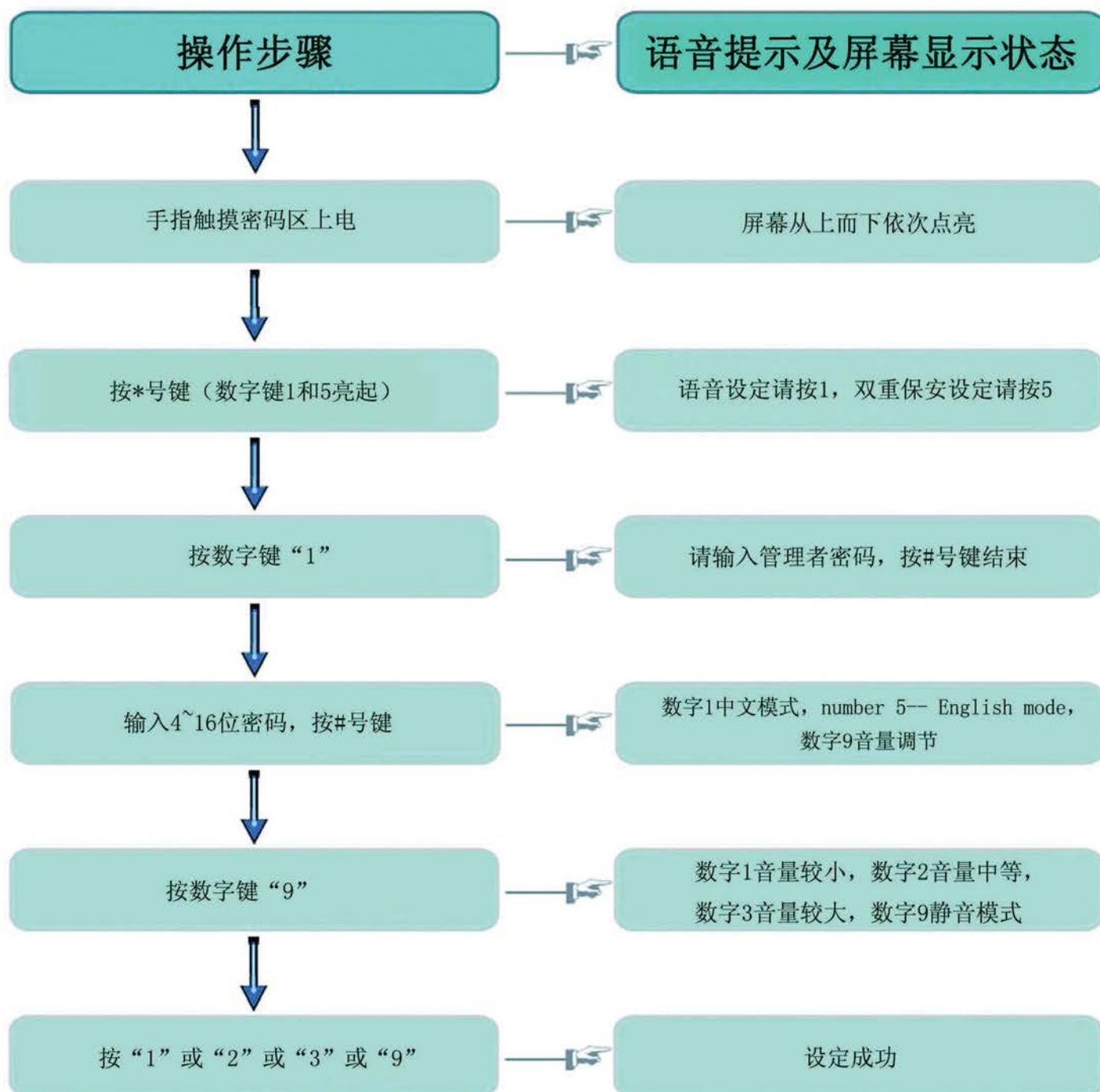
错误操作及语音提示：



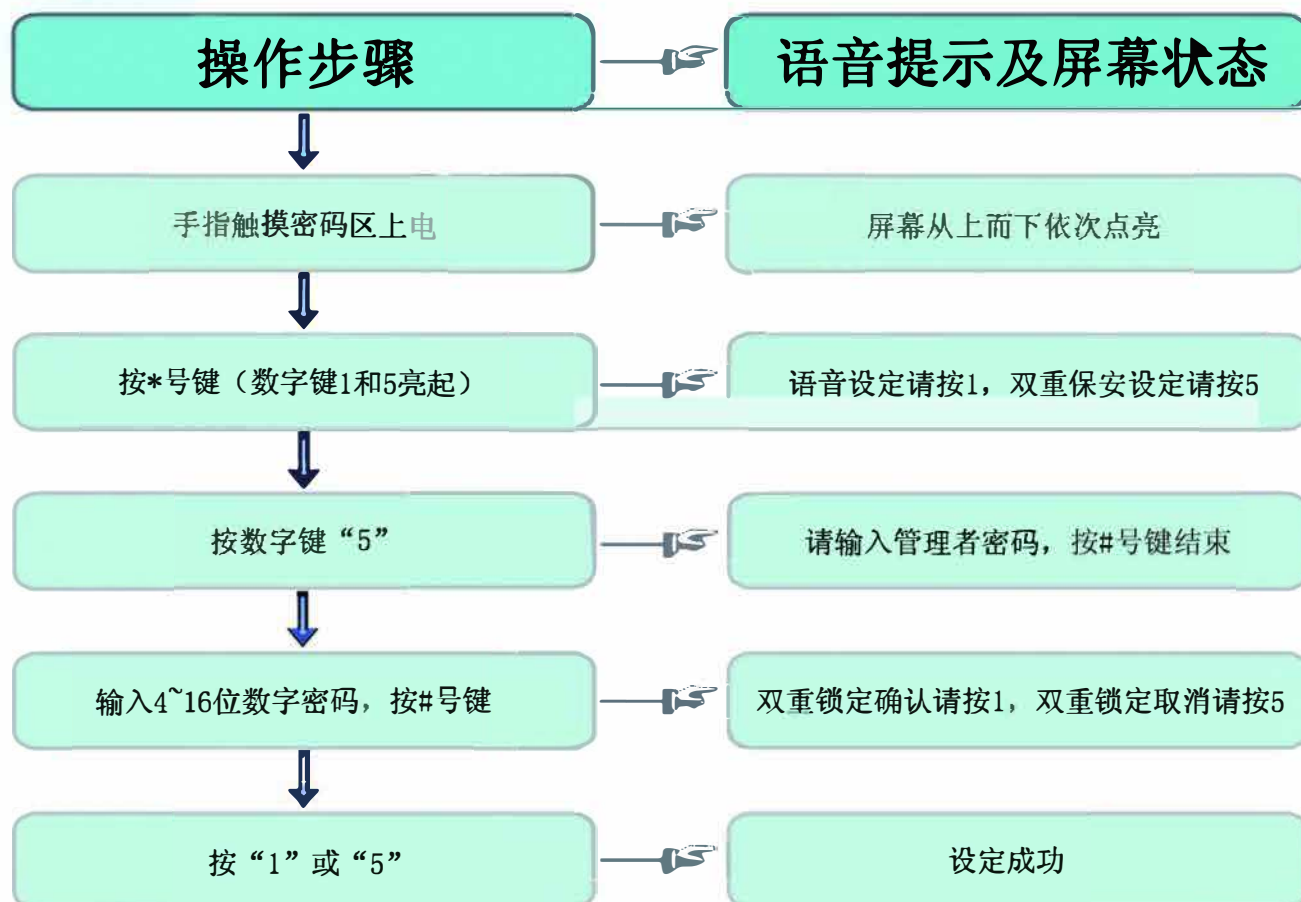
9. 语言设置



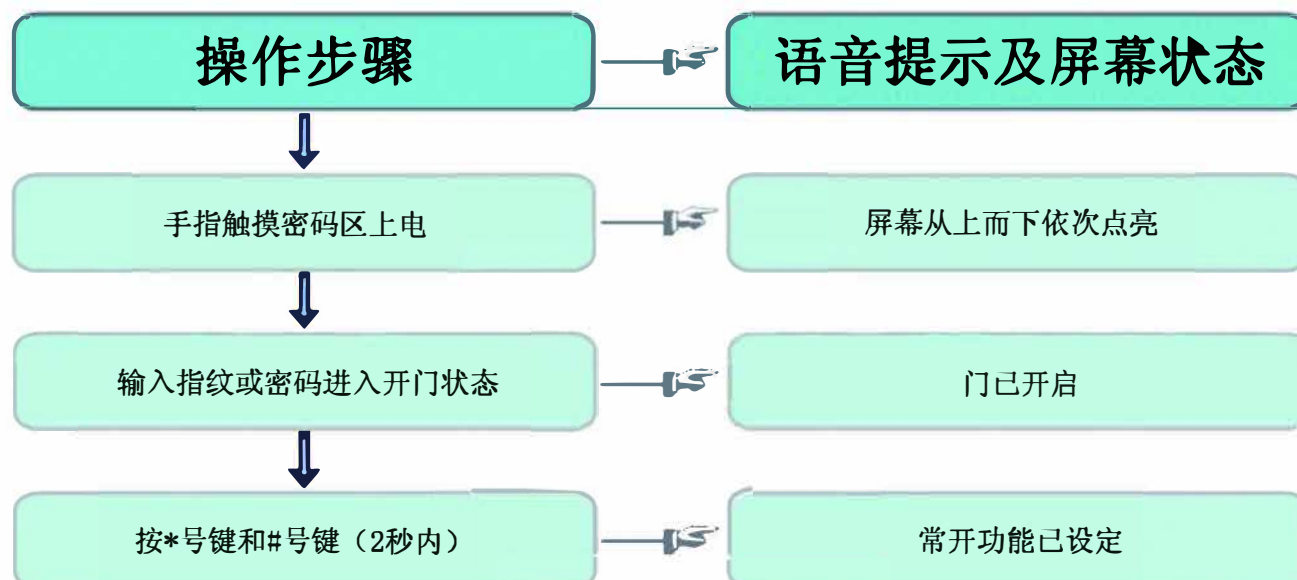
10. 音量调节



11. 双重保安设置



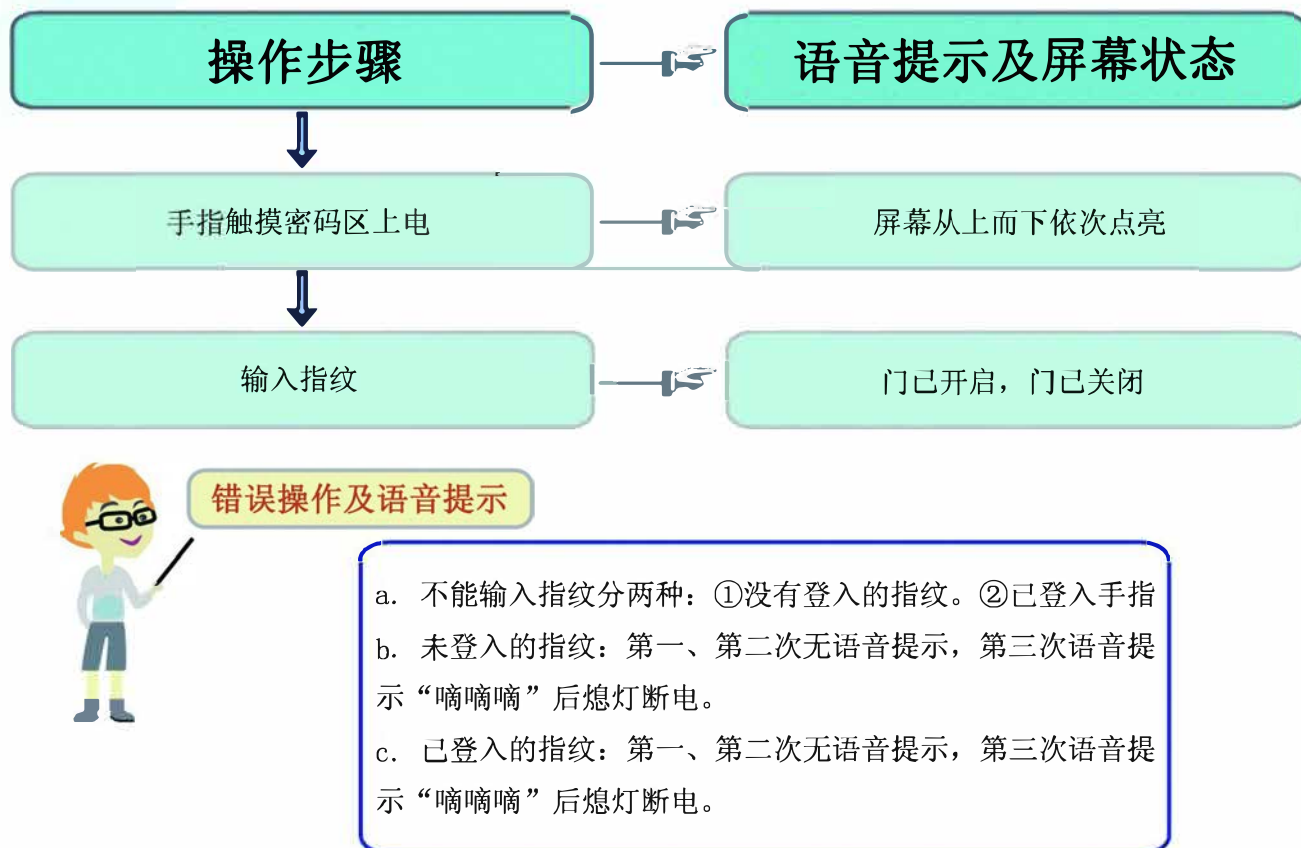
12. 常开功能设置



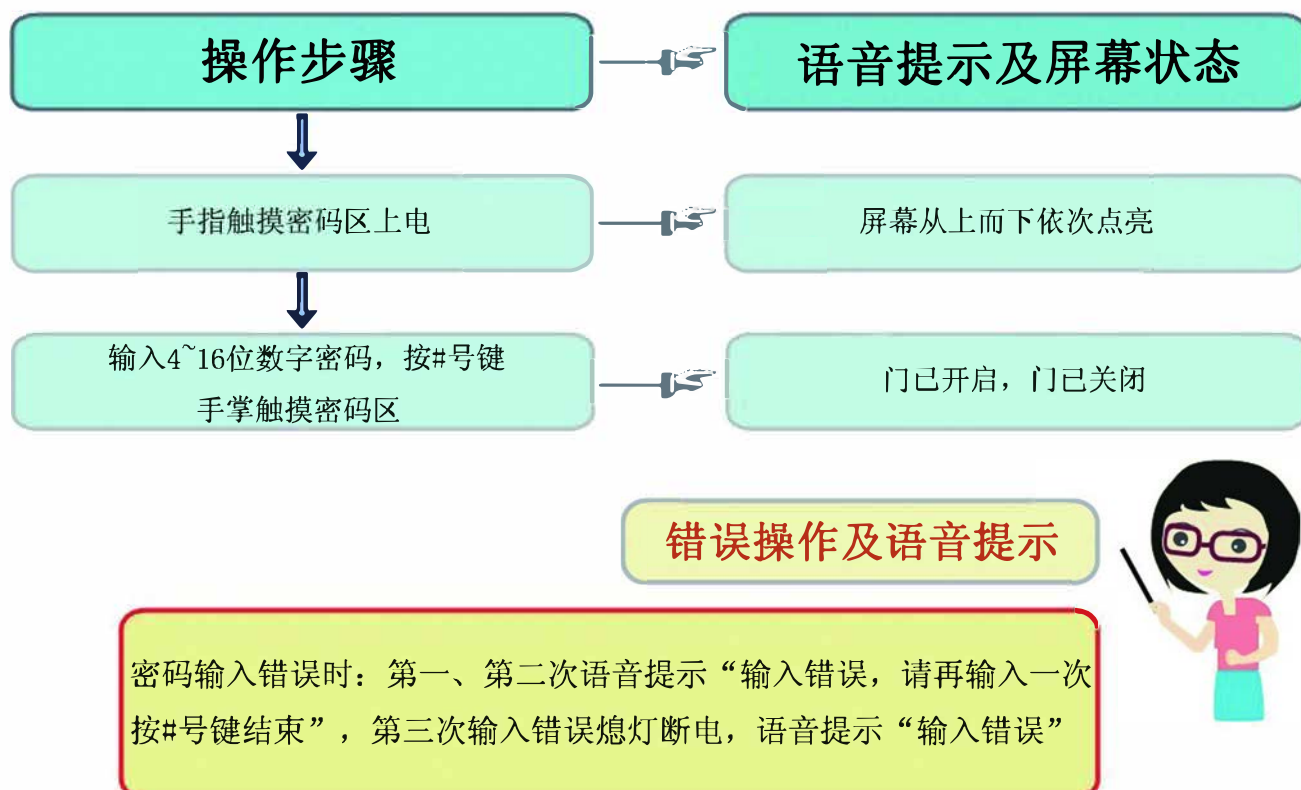
注意：

取消常开功能，请直接按压指纹或密码，重新正常开启一次

13. 指纹开门



14. 密码开门



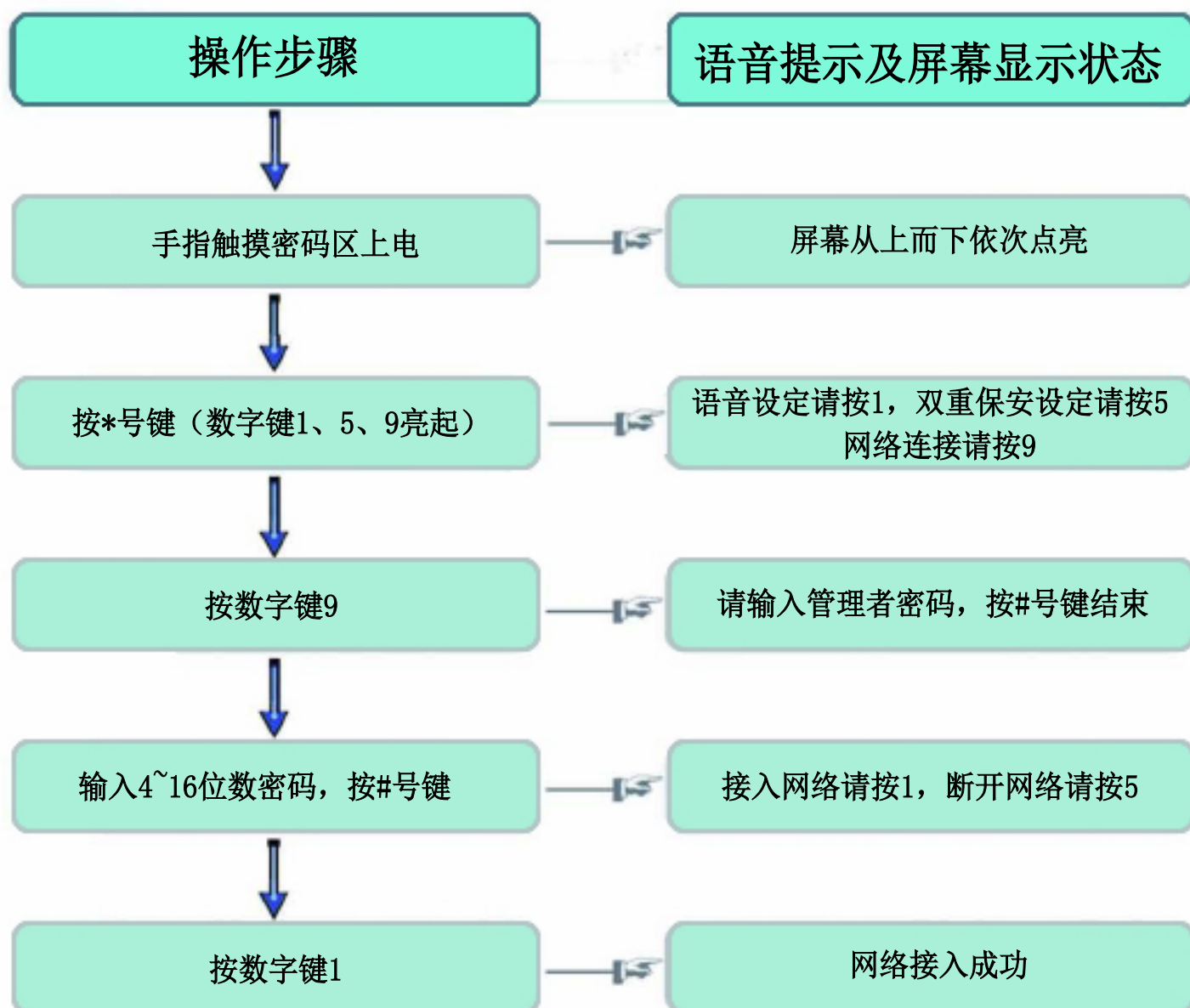
15. 初始化设置

打开后锁体电池滑盖，手指触摸密码区上电，长按“黑色和红色管理按键”6秒，初始化成功

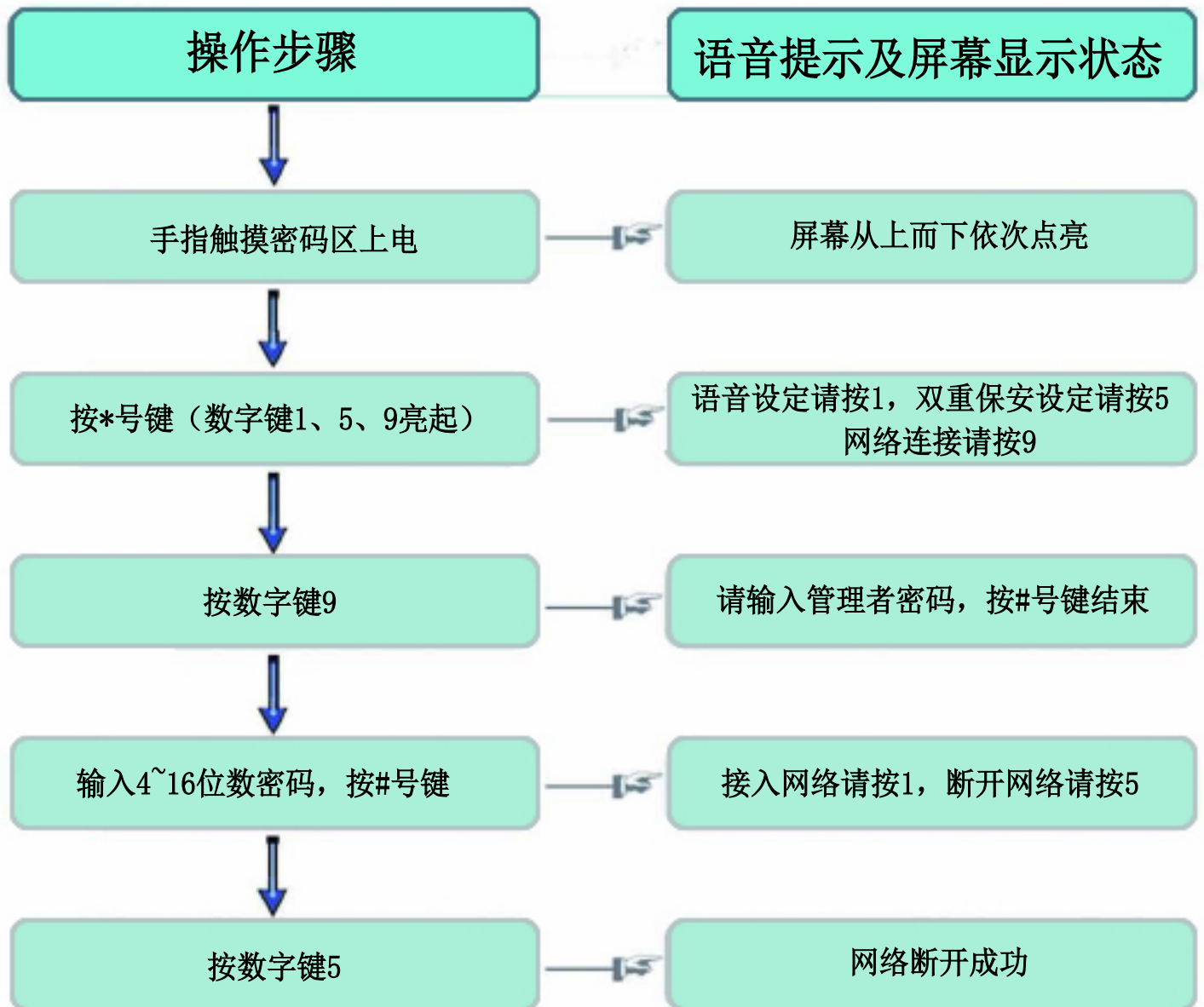
初始化：是指把所有指纹和密码全部删除

初始管理者密码为：“1， 2， 3， 4”。

16. 网络连接设置



17. 网络断开设置



18. 使用时注意事项

- 录入或对比指纹时，可能由于指纹放在指纹采集器的位置有偏差而使操作不成功或采集的指纹图像质量下降。请在录入指纹时尽量把手指放在指纹采集器的正中。
- 本产品采用面状传感器采集指纹，使用时请小心保护采集器。
- 录入指纹时，手指按在指纹采集器的时间不要过长，约0.5秒为合适。若放的时间太长会影响采集效果。

请勿自行拆卸、组装、用水清洗本产品

- ★ 指纹锁是精密复杂的高科技产品
- ★ 使用者故意拆卸或组装导致产品故障及发生其他危险，禁止该操作
- ★ 使用者清洁本产品时请勿用水清洗，应用干布或干毛巾来擦拭
- ★ 迁移本产品安装另处时，请与本公司联系（需另收安装费用）
- ★ 在外部不能正常开门（除弱电以外），请用应急钥匙开门

电池没电时应对方法

- ◆ 电池使用期间 ◆ 充电电池不能使用
寿命6-12个月（根据电池性能会有所差别）
- ◆ 更换电池通知
正常开门时，输入密码或指纹输入时语音提示“电池电量不足”
则提醒您应该及时更换干电池了
- ◆ 应急干电池使用方法
室内干电池没电时，将室外锁体的前面板下面的隐藏式锁芯盖板打开，
附有应急电源接触埠，使用9V碱性干电池可以开启门

19. 售后服务

请勿自行拆卸、组装、用水清洗本产品

- 产品发生异常时，请联系售后客服部门
- 产品安装时，请妥善保管维修卡，如丢失后发生不良问题，在一年以内需要有偿售后
- 产品保修内，本公司将提供无偿售后，但是因使用者操作不当或不注意，或者超过保修期进行有偿服务
- **售后服务电话：400-165-8588**

20. 服务基准

故障类型		服务内容	
		保修期以内	保修期以外
正常使用状态	安装后在12个月以内发生故障时	无偿	有偿
	问题发生2次时	无偿	有偿
	问题发生3次时	更换产品	有偿
使用者的故意或过失	干电池更换错误，注册方法部署了等使用者过失造成的	有偿	有偿
	更换电池等消耗品	有偿	有偿
	超出本产品本身使用目的而引起的故障或损坏	有偿	有偿
	故意或者使用直接安装、拆卸而引起的故障或损坏	有偿	有偿
	没带应急钥匙，密码也忘记，只能破门而入时	有偿	有偿
由于天灾、战争等不可抗力造成的产品故障		有偿	有偿

★ 有偿维修时，除配件以外，还需另付出差费

LAVO

L313-ZB Intelligent Fingerprint Combination Lock

User Manual



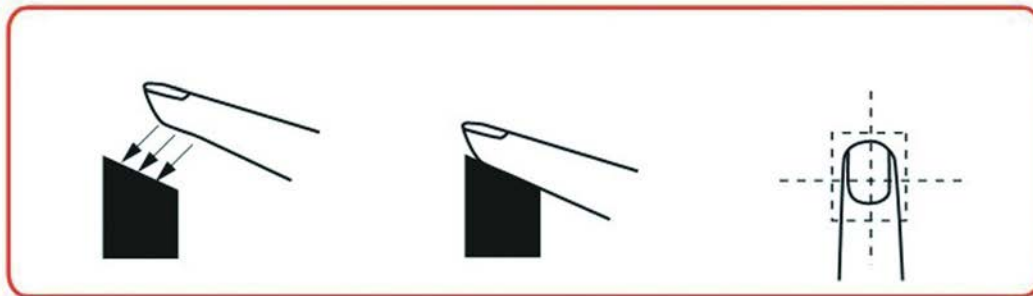
The happiness life is in the palm of your hand

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17. Connection Setting of Internet
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20. Service Criteria

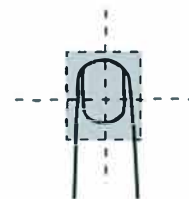
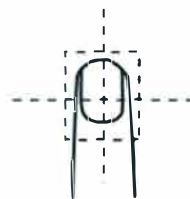
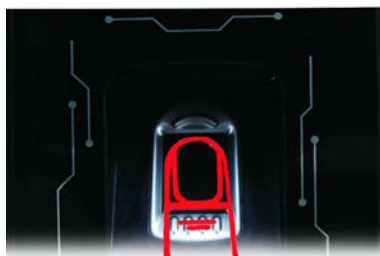
1. Correct Fingerprint Input

Method to put
your finger

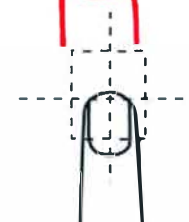
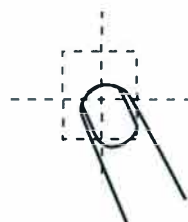
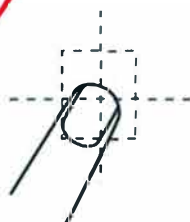
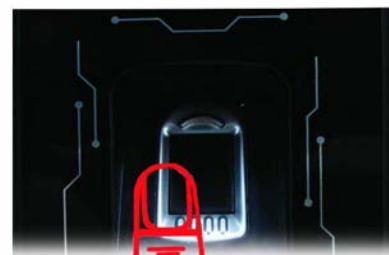
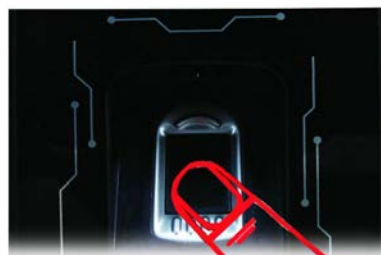
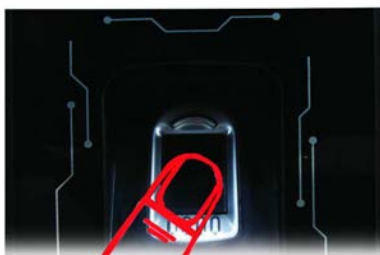


Schematic Diagram for Fingerprint Touching

Correct fingerprint input



Incorrect fingerprint input



2. Features of Product

Biometric recognition technology for fingerprint

Trustworthy global newest fingerprint arithmetic has an intelligent fingerprint memory function, can record the habitual fingerprint input action, thoroughly solves the problem of artificial false fingerprint, and can guarantee safety.

Dermis fingerprint recognition technology

Gently press your finger recognition, fingerprint recognition precise and responsive.

Touchscreen Password Key

Tempered glass touch screen, LED password keys, durable, easy to operate, quick response.

Enter the password hash interference function (to prevent others peeping password)

Before entering the correct password, you can enter any total not more than 12 to prevent password leakage, and touch panel confirmed that the door to prevent the fingerprint residue.

Password using the touch keyboard

When you touch the numeric keys, the number keys backlight dims when the next touch on a number of key figures, the background light is on, the numeric keys backlight dims.

Voice prompt function

A variety of voice prompts, Sweden / Denmark / Norway / Finland / Iceland / English voice options.

Power-on function

Finger touch can be powered directly coding region, carried on without pressing the power key.

Electric shock protection (ESD protection)

The lock can work normally when subjecting to high-voltage electric shock.

Handle came locking function

According to the second latch designed electric bolt lock body, pull up the hands will go and just mention, then you can add a second latch lock function, increased security.

Indoor locked function

The design of locking button used for preventing wrong touch of child is provided.

Opening with emergency mechanical key

In case of battery death or other issues, you can unlock it with the emergency mechanical key.

Double security

When you open the door, and enter the correct password and fingerprint, the door to open, and enhance security.

Emergency current system (DC9V alkaline batteries)

In case of battery death or failure opening, you can use it normally by connecting to an external power supply.

Low battery quantity reminder

When inputting cipher or fingerprint at low battery voltage voice display prompts: “Low Power” , please replace battery in time".

3. Product Specifications

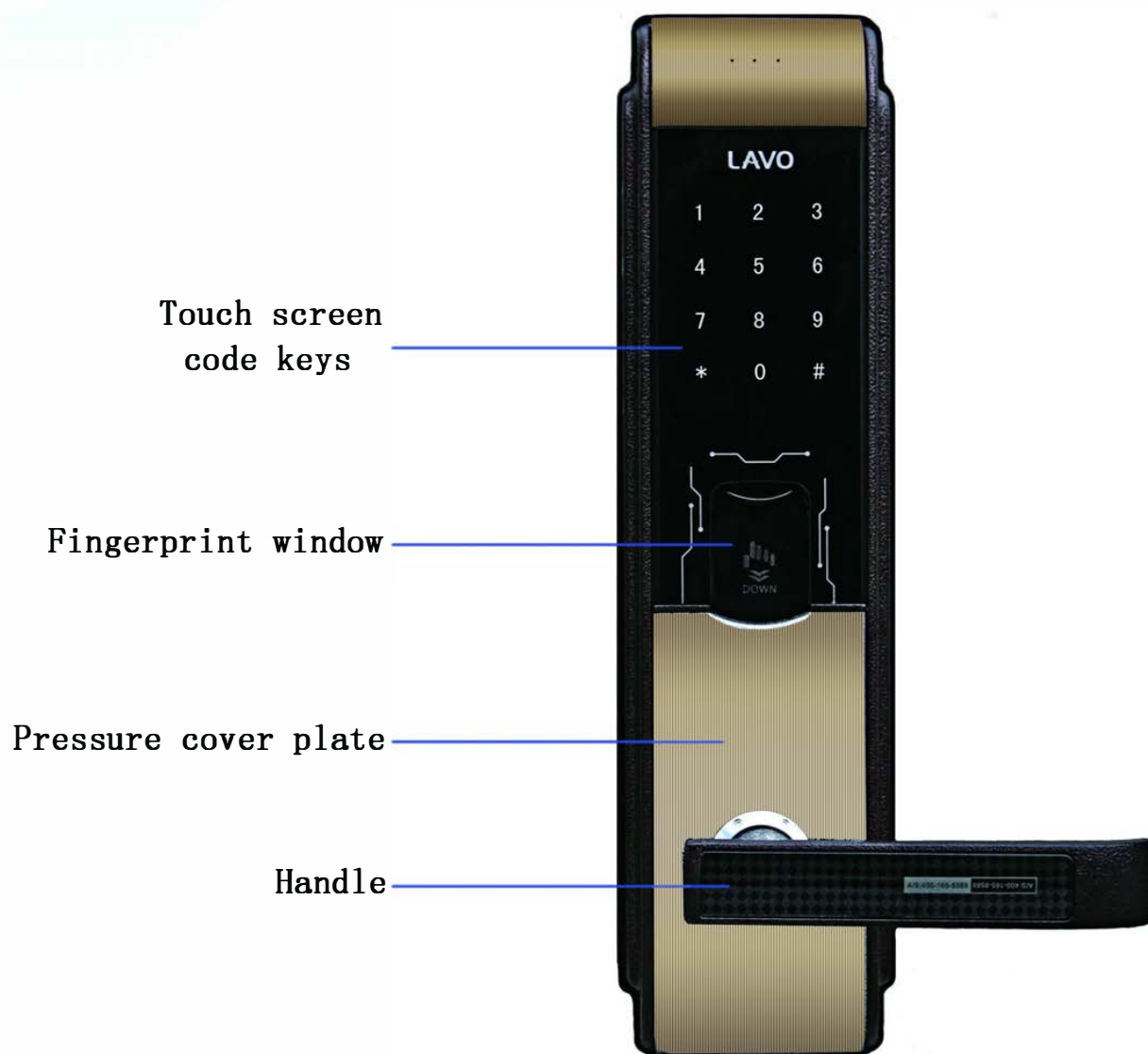
Name	Specifications	Notes
Outdoor (front lock body)	80 (W) X310 (H) X25 (D)	Voltage: DC6V Temperature: -20℃ to +70℃ Humidity: 10% to 95%RH
Indoor (rear lock body)	80 (W) X310 (H) X25 (D)	
Handle	Zinc Die Alloy Casting (front, rear handle)	Complying with human engineering design
Others	Three emergency keys	You can enter 4–12 digit password Enter up to 100 fingerprints
Weight	5. 2kg	
Touch code keys	12	Glass touch screen.
Power supply	Four 1.5VAA–type halogen dry cells	Battery life 6–12 months (Depending on the battery performance, frequency of use will vary)
Lock core	Dual–row atom super–B copper lock core	Material: copper, chrome

Battery' s service life comes from our tests, however it varies with the temperature and humidity of the installed place, frequency of use as well as quality of the battery.

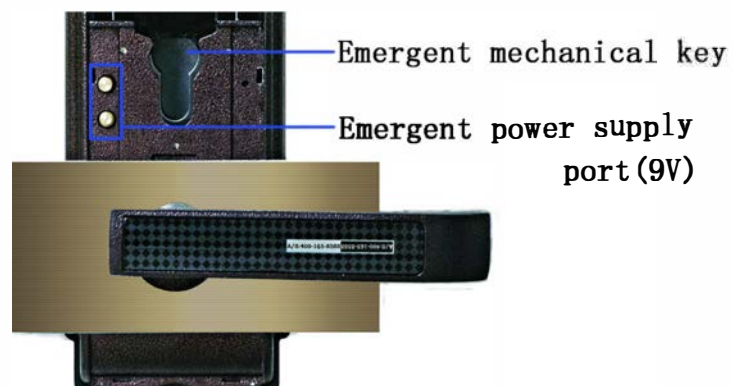
Confirm the (+) and (-) poles when installing the batteries. Wrong installation may cause liquid leakage or damage of the batteries. Attention:Replace the batteries totally and do not mix the new batteries with the used or waste batteries. Using poor batteries may cause product abnormalities, please use qualified alkaline batteries.

4. Name Of All Parts

Outdoor lock body



Opening the pressure decorative cover plate



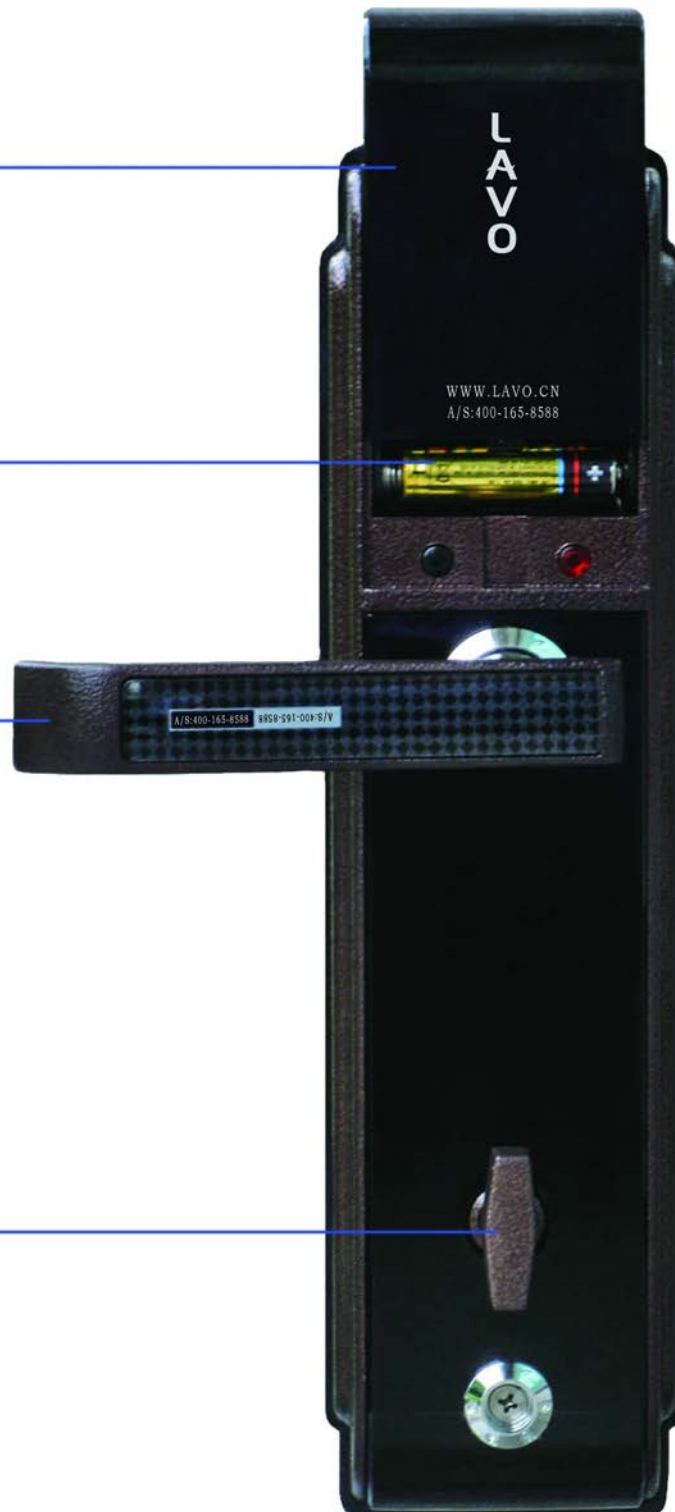
Indoor lock body

Battery sliding
cover

Battery box

Handle

Security button



Attention:

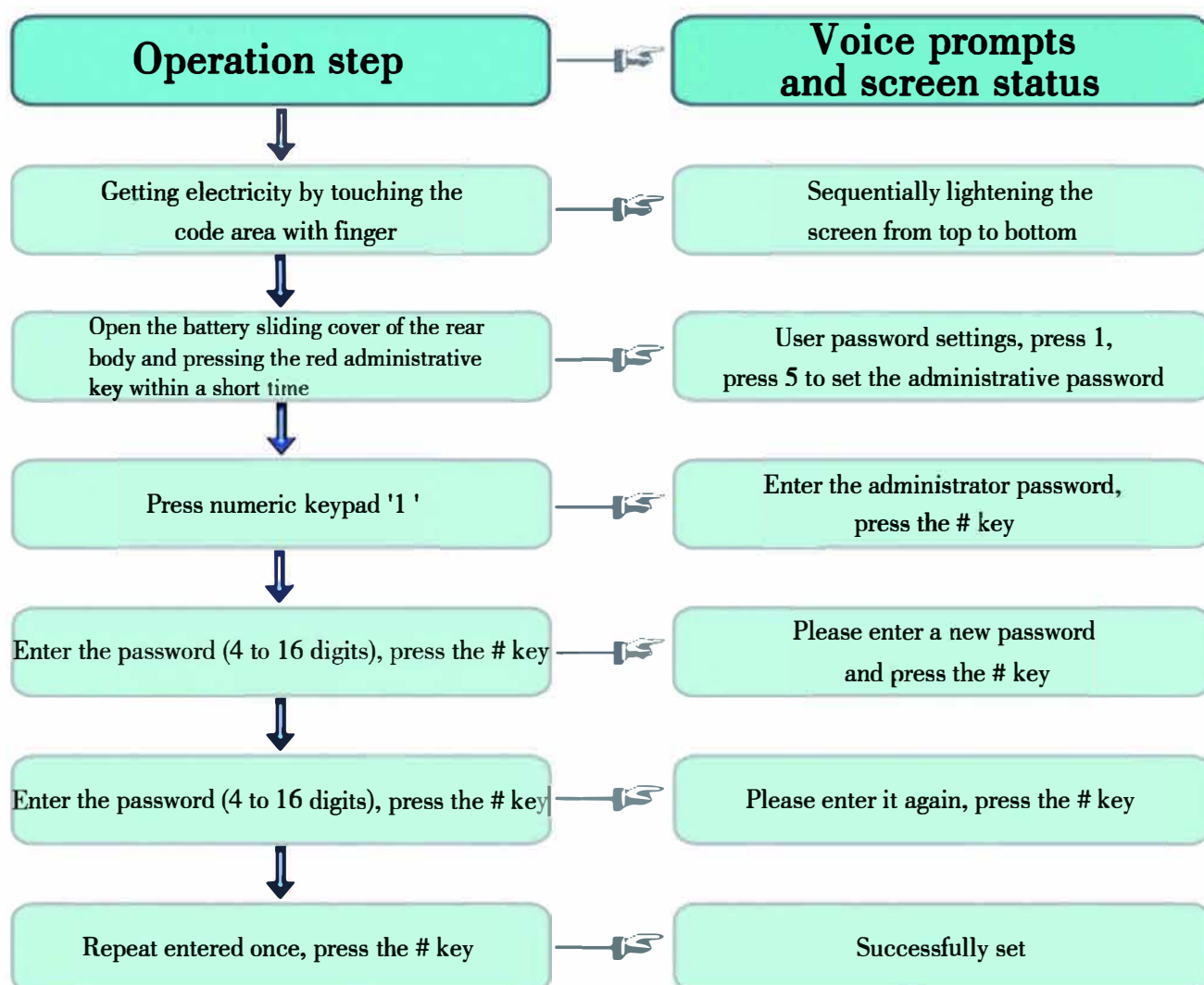
For lock up, please pull and turn this switch button.
For unlock, please turn back this switch button.

5. Key Instruction For Door Lock

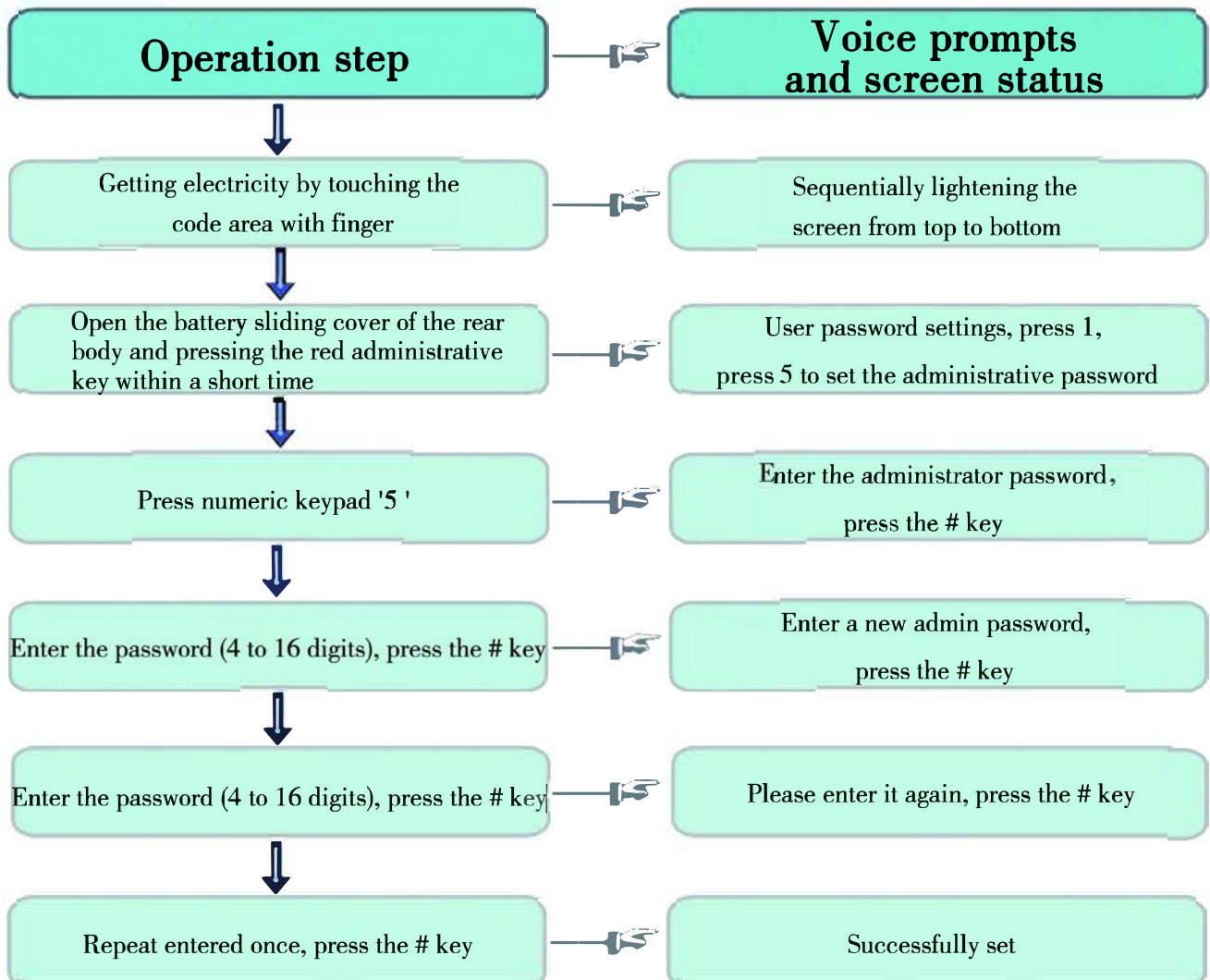
Serial number	Name	Definitions
1	Key 1	Password settings; user password settings; fingerprint logon; speech settings; language mode
2	Key 5	Fingerprint Set; manage password settings; fingerprint deletion; double security settings; English model
3	Key 9	Connection Setting of Internet; Other settings; silent mode
4	Key *	Boot Settings; Continue Login fingerprint
5	Key #	Over

6. Password setting

a. Setting of user code



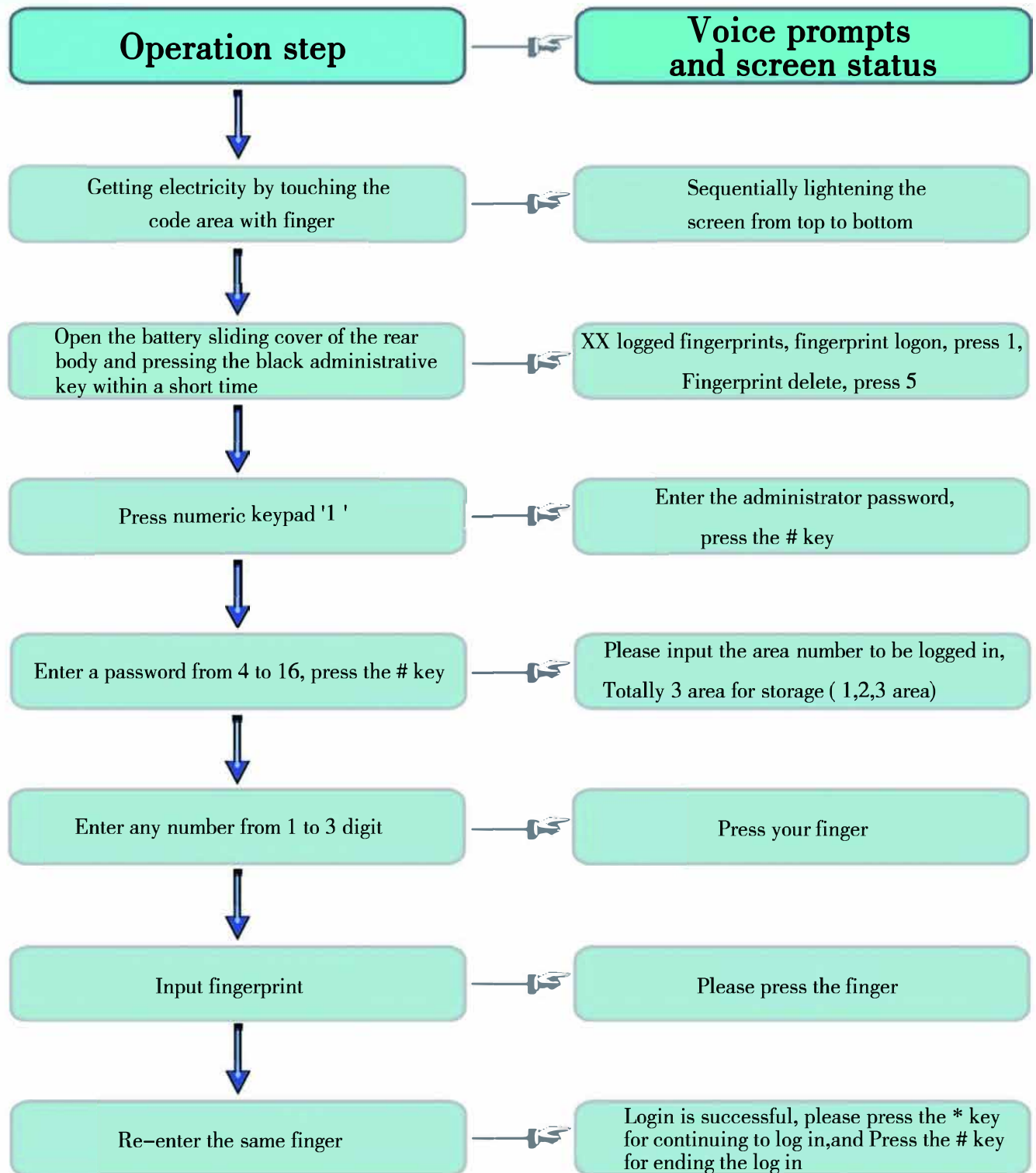
b. Setting of administrator code



Wrong operation and voice prompts:

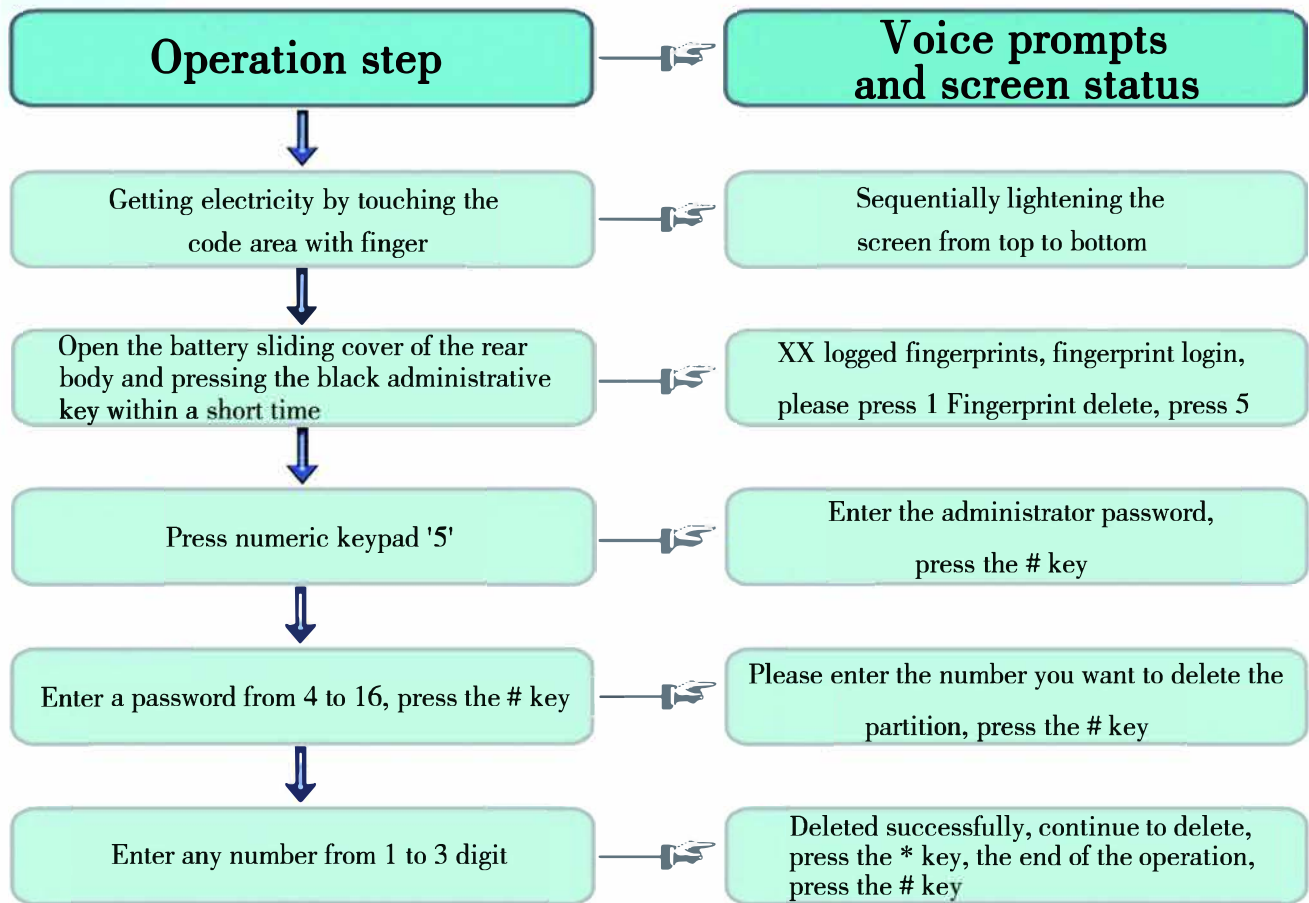
- according to registry keys, then press the number keys 234678 # key * key voice prompt appears "input error." After the completion of the operation is not operating, no action button lights off after 10s, the voice prompt "Login timed out."
- wrong password: ① password is less than four digits, more than 16. ② Enter the correct password or an incorrect password and press the * key. ③ password is incorrect. ④ In addition to the above three kinds of passwords you enter the wrong password wrong way. First, the second voice prompt to enter a password error "input errors, please re-enter a" third power entered the wrong password will turn off the lights, and the voice prompt "input error."

7. Fingerprint Register



Attention :
Each area can be recorded 33 fingerprints

8. Deleting Of Fingerprint



a. wrong password: ① password is less than four digits, more than 16. ② After entering the correct password and press the * key. ③ password is incorrect. ④ In addition to the above three kinds of passwords you enter the wrong password wrong way. First, the second voice prompt to enter a password error "input errors, please re-enter a" third power entered the wrong password will turn off the lights, and the voice prompt



"input error."

b. mistake, voice prompts constituency "input errors, please re-enter."

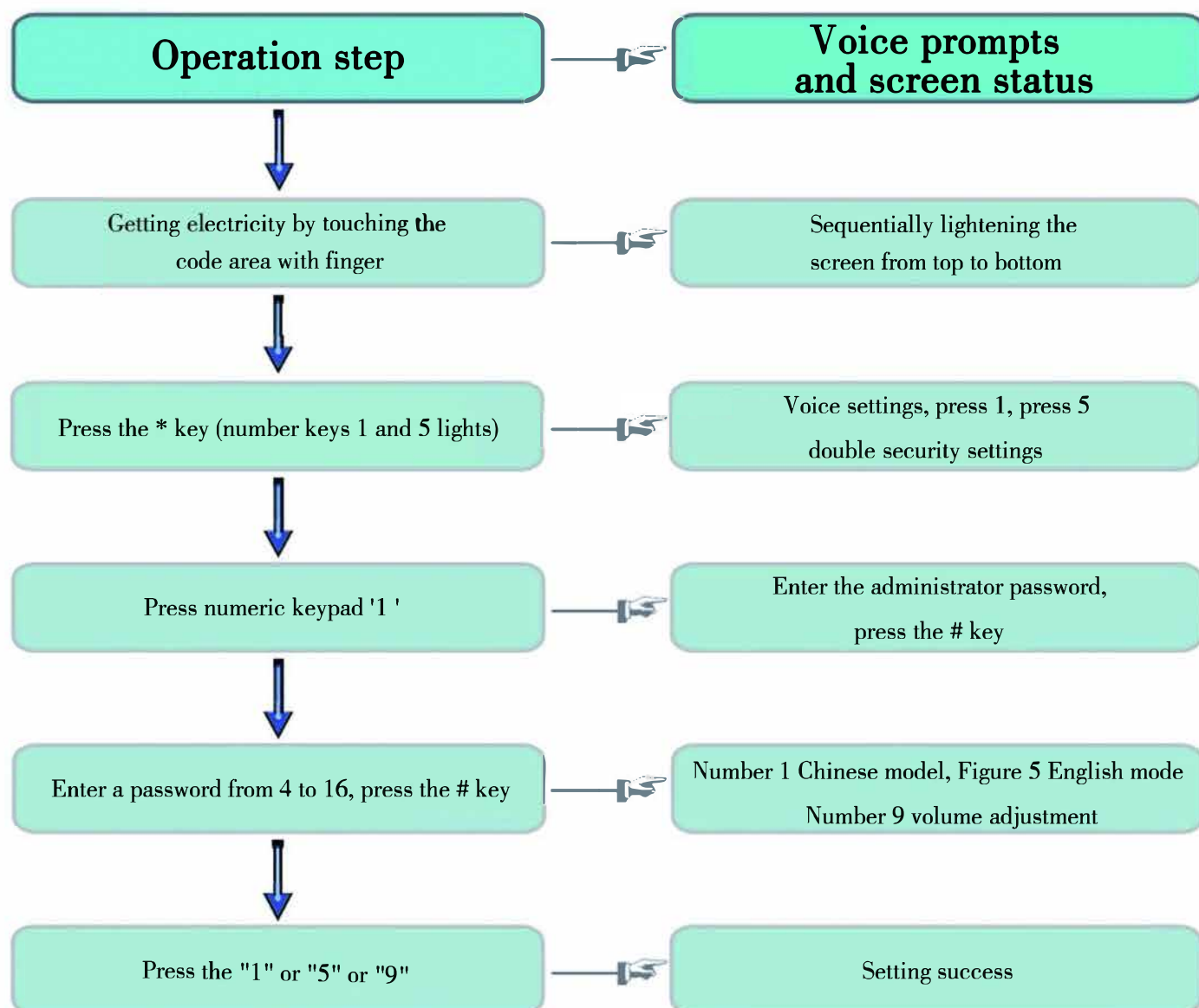
c. fingerprint input error, the voice prompt "Please press again."

d. during the operation did not complete the operation, without any operation after 10s after power button lights.

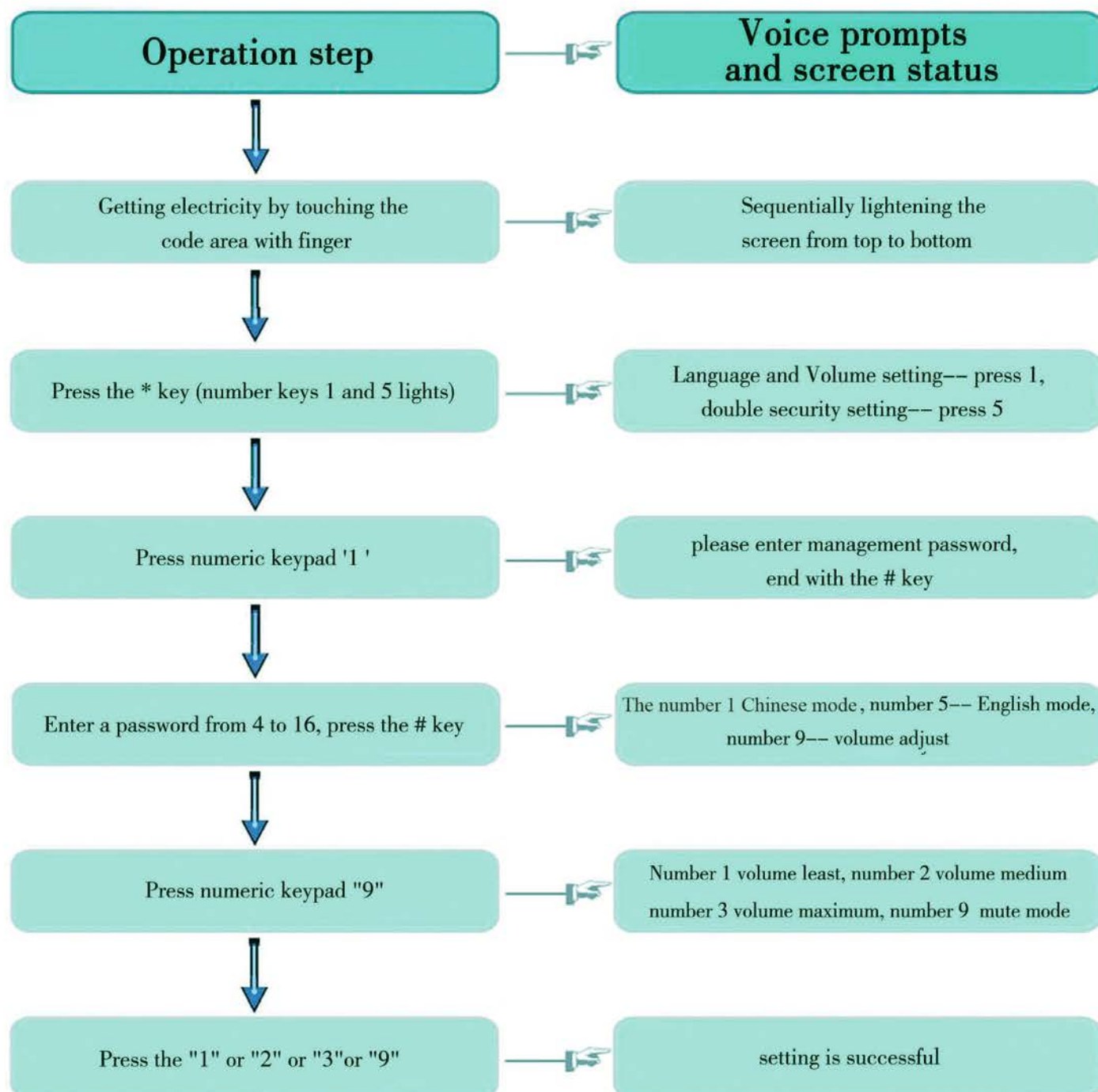
Wrong operation and voice prompts:



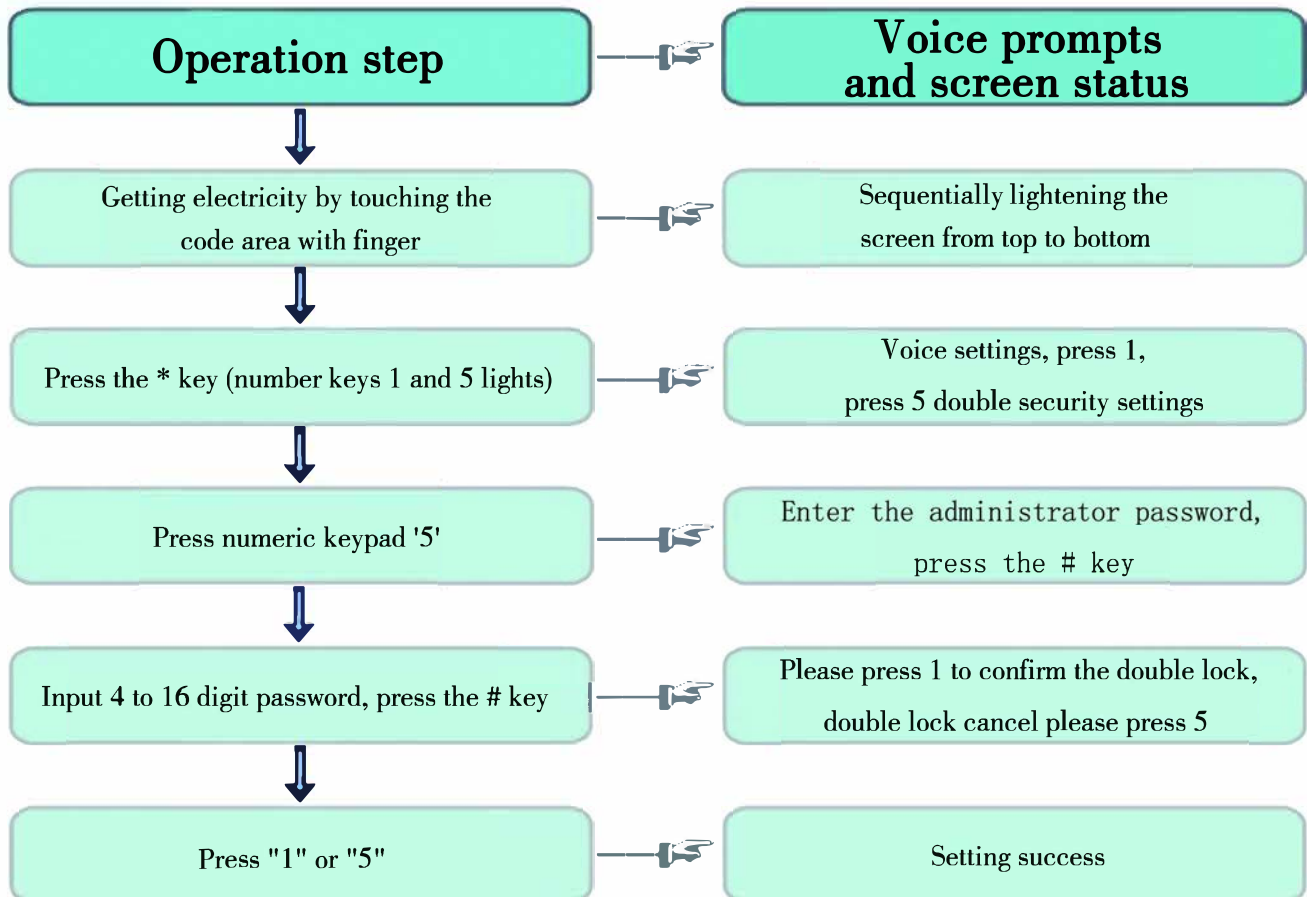
9. Language Setting



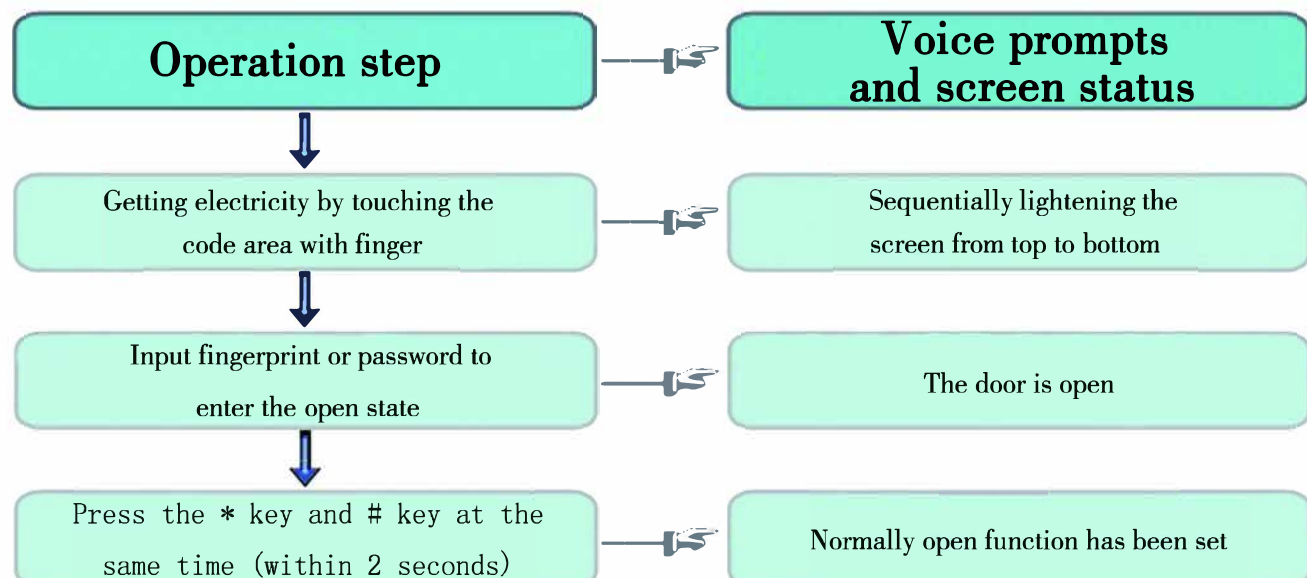
10. Volume adjustment



11. Dual-security setting

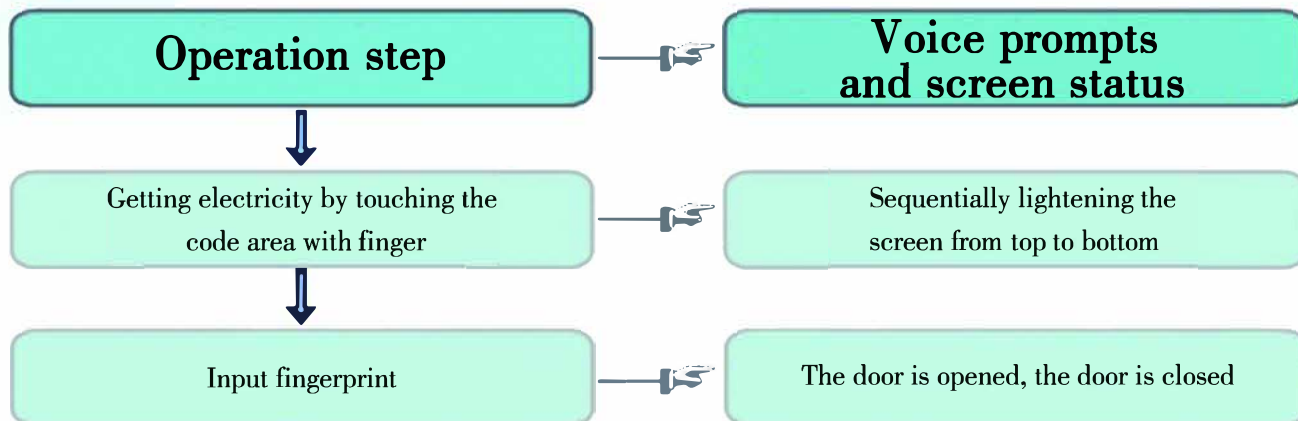


12. Setting Of Normally-opened Function



Attention: Cancel normally open function, please press the fingerprint or password, normally open once again

13. Door-opening By Fingerprint



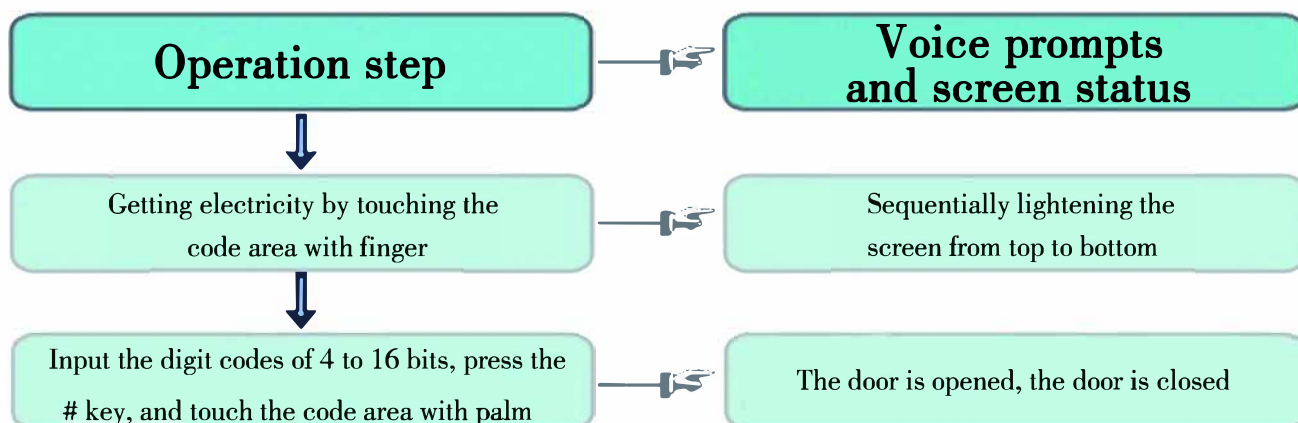
Wrong operation and voice prompts

a fingerprint can not be entered in two ways: ① not logged fingerprints. ② logged fingers

b Not logged fingerprints: first, the second no voice prompts, after the third time the voice prompt "beep beep" lights off.

c logged fingerprints: the first, the second no voice prompts, a third voice prompt "beep beep" after lights off.

14. Door-opening By Code



Wrong operation and voice prompts

When you enter the wrong password: First, the second voice prompt "input error, please enter it again, press the # key to end," the third entry errors lights off, a voice prompt "input error"



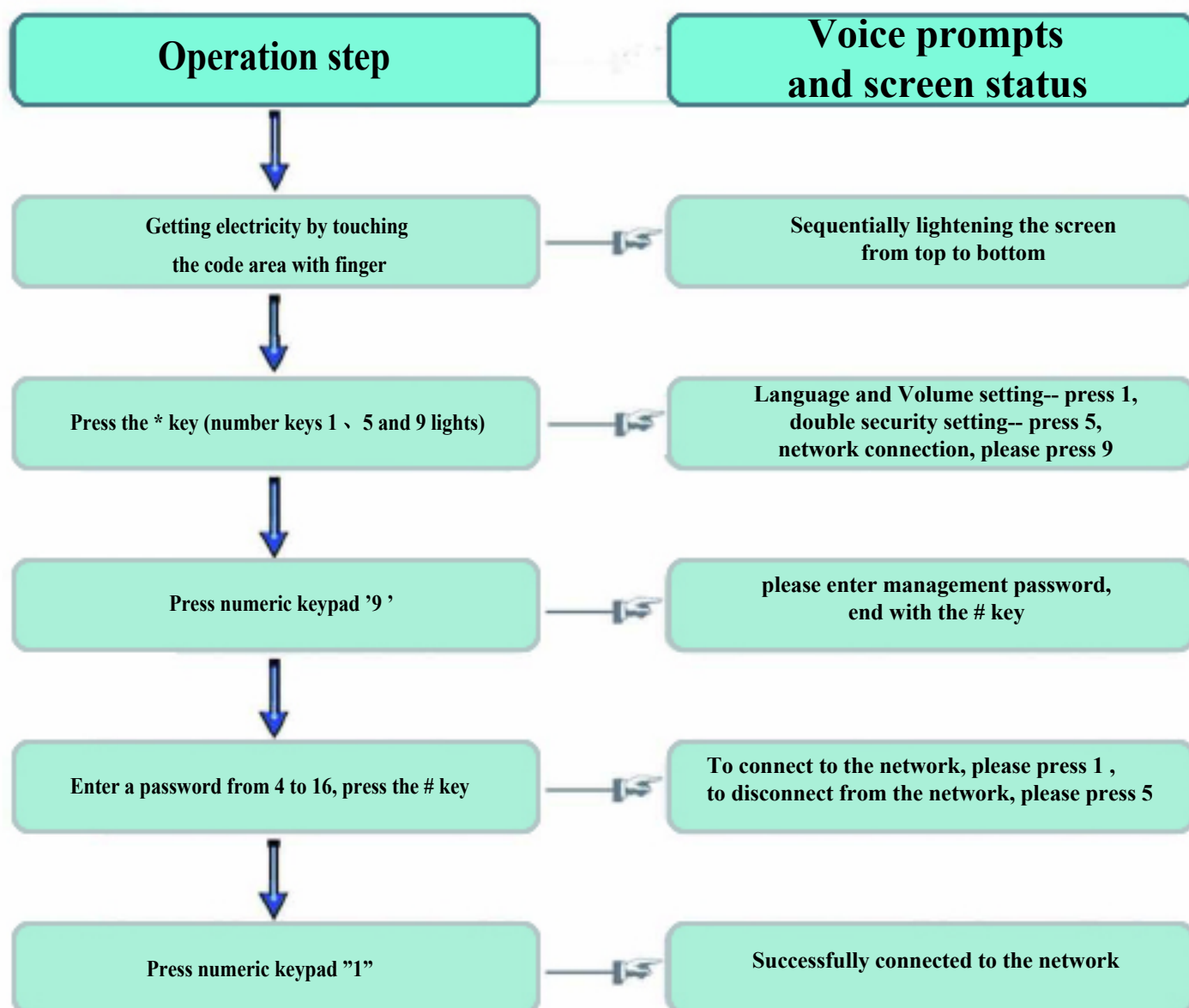
15. Initialization setting

Open the battery sliding cover of the rear lock body, Getting electricity by touching the code area with finger, long press "Black and Red key" 6 seconds, initialization is successful

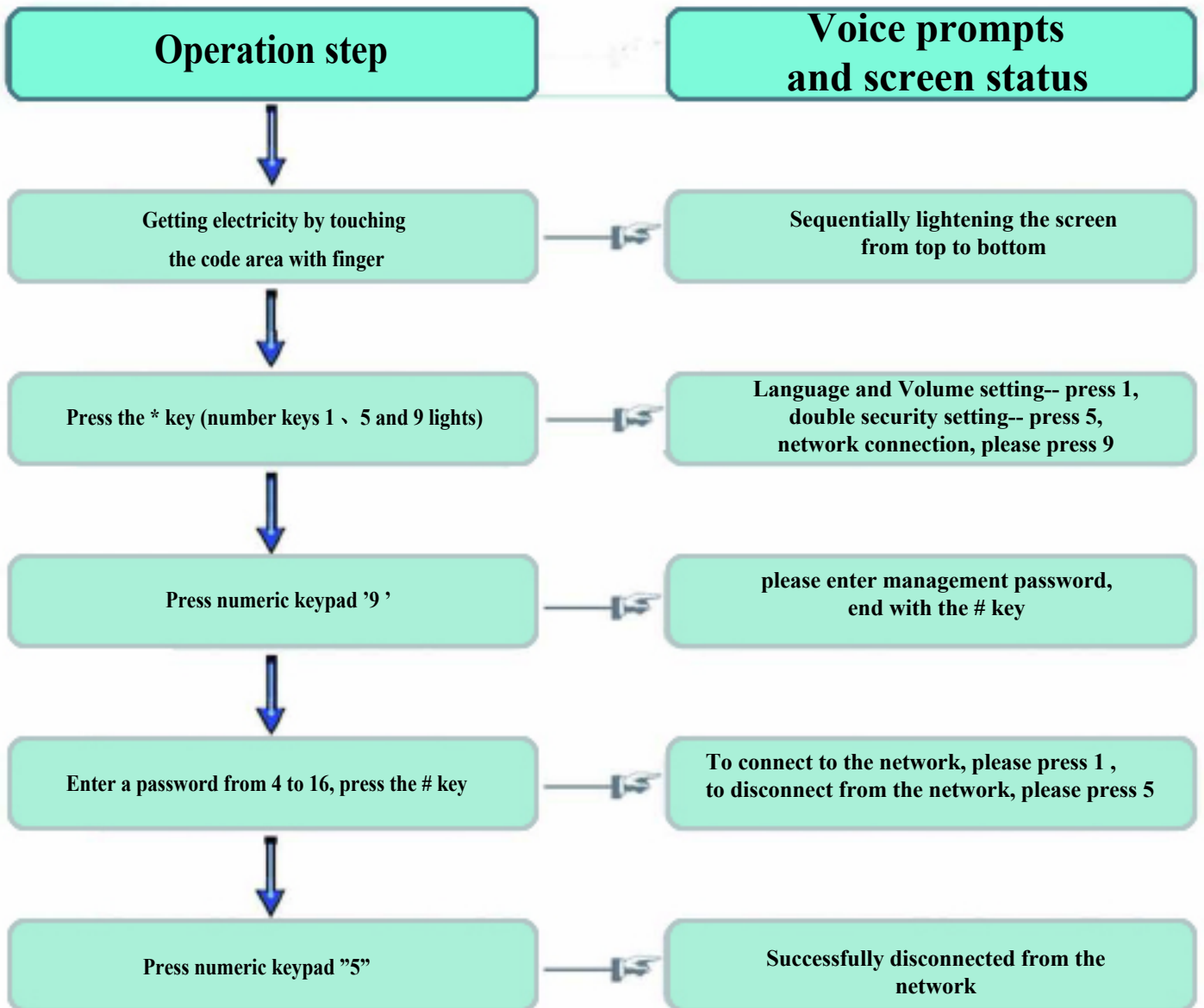
Initialization: refers to all fingerprints and delete all passwords

The initial administrator password is: "1,2,3,4.."

16. Connection Setting of Internet



17.Disconnection Setting of Internet



18. Notices for Use

When comparing entry or fingerprints, fingerprints on the fingerprint may be due to the

- location of a deviation leaving the operation is unsuccessful or collected fingerprint imagequality. Please try to put your finger on the fingerprint reader at the entry of the middle finger.
- This product uses the planar sensor fingerprint, please be careful when using the protection collector.
- When the input fingerprint, finger on the fingerprint reader will not take too long, about 0.5 seconds for the right. If you put too long will affect the acquisition effect.

Do not try to detach or assemble the product arbitrarily, or clean it with water

- ★ Fingerprint is a sophisticated high-tech products
- ★ Disassemble or assemble a user intentionally cause the product to malfunction and other hazard, prohibit the operation
- ★ Do not use water to clean the user when cleaning the product, with a dry cloth or towel to wipe dry
- ★ When the product is installed to a further migration, please contact the company (additional installation charge is needed)
- ★ Not normally open on the outside (except for weakness), please open the door with the emergency key

Battery way to deal with no electricity

- ◆ Battery during use ◆ Rechargeable batteries can not be used
Life of 6–12 months (depending on the battery performance will vary)
- ◆ Replace the battery notification
Normal door, you enter a password or fingerprint input voice prompt "battery low"
is to remind you of the batteries should be replaced
- ◆ Emergency battery use
Indoor batteries when no power, the front panel below the outdoor hidden lock cylinder cover is opened, the contact with emergency power port, use 9V alkaline batteries can open doors

19. After-sale service

Do not try to detach or assemble the product arbitrarily, or clean it with water

- An exception occurs when the product, please contact sales customer service department
- When the product is installed, you should keep maintenance cards, bad problems such as lost after, in less than a year need to pay sale
- The product warranty, the company will provide free after-sales, but due to improper operation or not pay attention to the user, or be paid out of warranty service
- **Telephone service : 400 -165-8588**

20. Service Criteria

Fault type		Services	
		Within the warranty period	Outside the warranty period
Normal use state	After installation failure occurs within 12 months	gratuitous	payable
	The same problem occurs for 2 times	gratuitous	payable
	The same problem occurs for 3 times	Replacing the product	payable
User's intentional or negligent	Battery is incorrectly replaced, such as user registration method deployed negligence	payable	payable
	Replace the batteries and other consumables	payable	payable
	Failure or damage beyond the intended use of the product itself caused	payable	payable
	Failure or damage deliberately or by using the direct installation, removal caused	payable	payable
	Not with emergency key, password forget, only broke into the house	payable	payable

★ When paid maintenance, the parts outside, need extra travel expenses

LAVO

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