



## Smart Lock User Manual



**YL 1020FHK**

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## User Instructions

The total number of users is 250, and each user number can correspond to a fingerprint, password or card. Numbers 001~003 are management users, and numbers 004~100 are ordinary unlocking users. There are 50 fingerprints in stock, 100 passwords in stock, and 100 cards in stock.

User type	Unlock method	QTY	Permissions	Serial no
Administrator	Fingerprint/key card/password	9	Unlock/Manage	001 ~ 003
Normal User	Fingerprint/key card/password	241	Unlock	004 ~ 100



### Notice

The factory initial password is "123456".

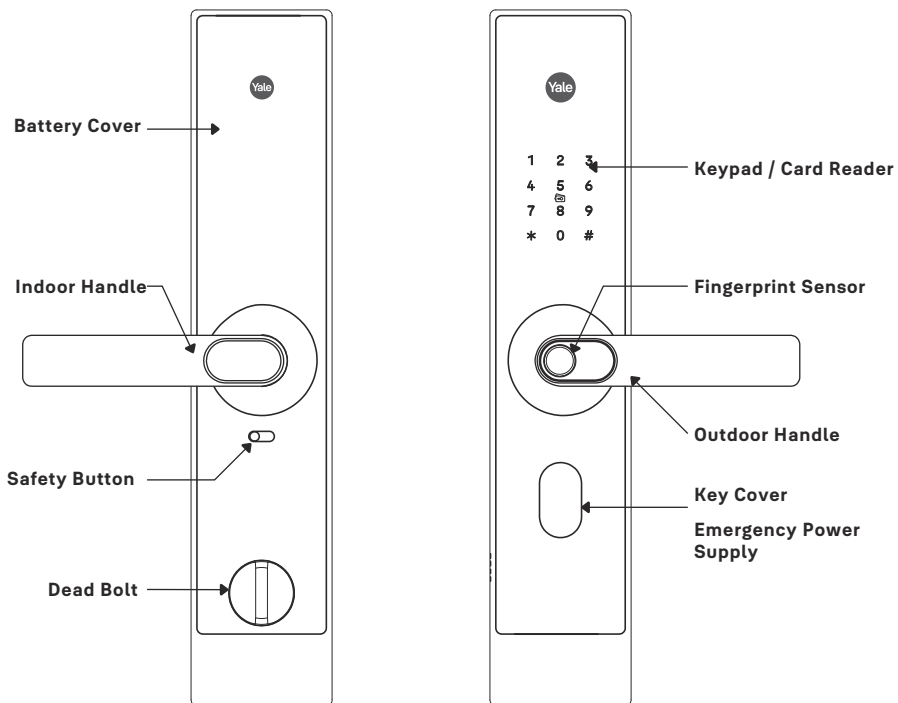
After entering the administrator information, the initial password "123456" will be automatically deleted.

Combination unlocking: fingerprint + password / fingerprint + card / password + card. Number usage: The same number can only be used once.

## Technical Parameters

Category	Content	Design Index
Door lock overview	Opening Method	Fingerprint / Password / Card / WeChat / Key
	Store QTY	250 groups (9 administrators, 241 normal users)
	Fingerprint sensor	Semiconductor
	Keypad light	Standalone LED
Password	Password length	6 ~ 9 digital
	Password input	Password Protect
Fingerprint	Error Rate	< 0.0001%
	Rejection Rate	< 0.01%
	Recognition Speed	< 1s
Electrical Properties	Working Power	4.5 ~ 6.5V
	Standby Power	≤ 70μA (with module) ≤ 100μA (with module)
	Stall Current	< 500mA
Working Environment	Working Temp.	-25°C ~ 70°C
	Working Humidity	20 ~ 93%RH

## Smart lock diagram



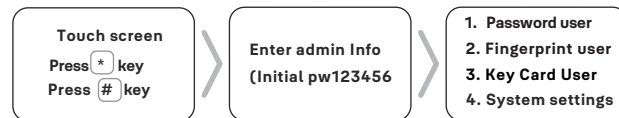
\* The pictures in this manual are for reference only, please refer to the actual product for details.

## Indicating the direction of opening the door



## Door lock operating instructions

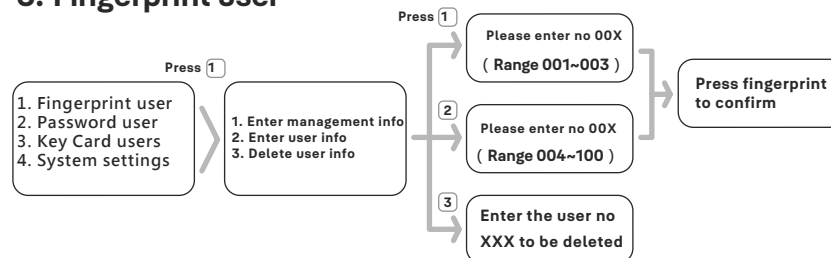
### 1. Management Menu



### 2. Menu operation instructions

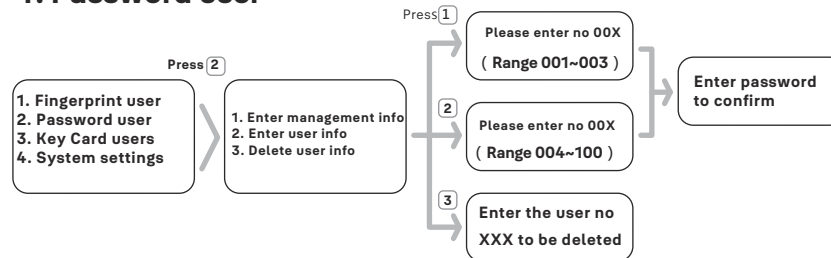
1. Each menu interface has voice announcements.
2. Click the corresponding data and press the # key to enter the specified lower-level menu.
3. Simply pressing the # key will replay the current menu.
4. Press the \* key to return to the previous menu.

### 3. Fingerprint user

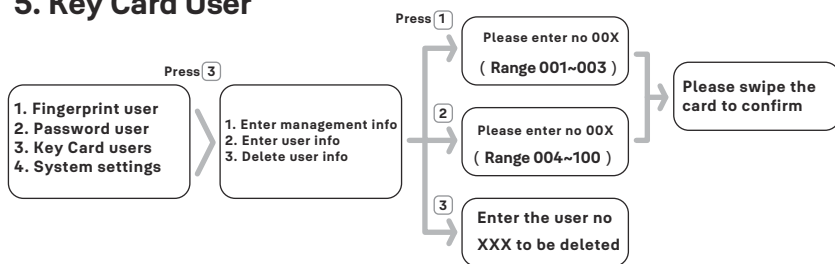


**Notice** After at least one administrator has been entered, general users can be entered; The currently logged in administrator cannot delete his or her own number; Administrator information recommends not to set all fingerprints or all passwords or all cards.

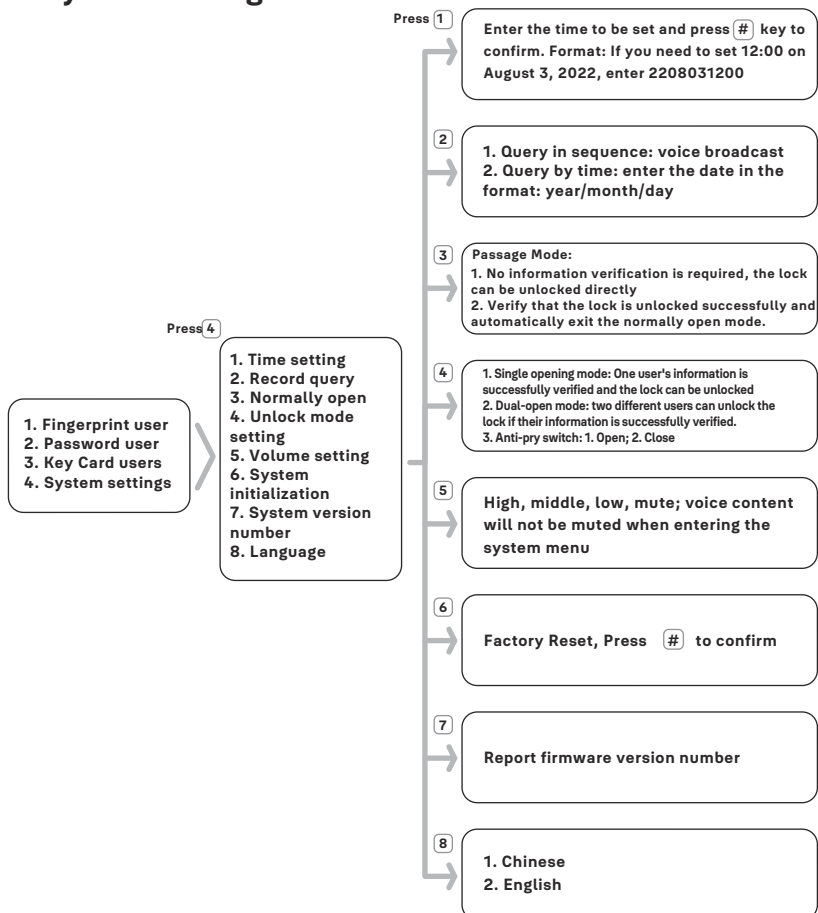
### 4. Password user



## 5. Key Card User



## 6. System Settings



## 7. Other Features

- 1) Restore factory settings: Remove the battery, discharge the remaining power in the system, power on the system, and within 10 seconds, press and hold the rear panel initialization button for 5 seconds to restore the factory settings;
- 2) Wake up: After power on and wake up, press **2**+**#** keys to report the current time;
- 3) Low voltage alarm: When the battery power is lower than 4.5V, it will prompt "Insufficient battery, please replace the battery" every time you open the lock. After the first alarm, the lock can be unlocked about 200 times.
- 4) Input error alarm: If verification errors occur 5 times in a row, the system will enter a 3-minute lockout state. During the lockout period, the system will not respond to any operations. It can quickly return to normal by re-powering on.
- 5) Anti-pry alarm: When the system detects that it has been forcibly removed, the alarm will be triggered. The alarm can be cleared by verifying the unlocking or powering on again. After each alarm, it will be triggered again after powering on again.
- 6) Password anti-peeping function: When using a password to open the door, you can add some irrelevant codes before and after the correct password, such as: XXX password XXX, and then press the **#** key to confirm. The correct password must be included in the entered content.
- 7) Exit: If there is no operation for more than 10 seconds after each operation, the system will automatically exit.



### Notice

1. If there are more than 5 consecutive verification errors, the keyboard will be locked for 3 minutes, and the system will not respond to any operations within 3 minutes.
2. Password anti-peeping function: When opening the door with a password, enter the password as follows: XXX Password XXX, you can add some irrelevant codes before and after the password, and then press **#** to confirm. The password must be included in the entered content.
3. Exit: If there is no operation for more than 10 seconds after each operation, the system will automatically exit.
4. Low voltage alarm: When the battery power is lower than 4.5V, it will prompt "Insufficient battery, please replace the battery" every time you open the lock. After the first alarm, the lock can be unlocked about 200 times.

## WeChat Unlocking



Scan the QR code  
Enter the WeChat



Click the button on the interface to enter the creation interface to edit the name of the new lock, enter the set administrator password, and click "Settings" to add a new lock.



Click on the new lock on the interface and set the number of uses and expiration of the password on the interface.

Clicking "Generate Password" will get a set of unlocking passwords. Click the forward button in the upper right corner to quickly forward it.



**Notice**

When using, please set the lock time to the current time.

## Maintenance and Management



### 1. Routine maintenance of smart door locks

The surface of the door lock requires regular daily maintenance to keep the door lock as clean as new. Use a soft and clean dry cloth to wipe the surface. Water, alcohol or acidic chemicals are prohibited for cleaning. Regularly ask professionals to lubricate the active parts of the door lock. Oil or grease, replace seriously worn parts.



### 2. Use of USB emergency power supply

When the door lock power supply is too low to unlock, you can use an external emergency power supply to unlock the door. Please note that after unlocking, please remove the battery and charge it as soon as possible (the USB emergency power supply is only for emergency use, do not use it if the battery is charged) . \*



### 3. Door body deformation caused by external

If the door body is deformed, the friction of the lock tongue inserting into the door strike plate will be too great, causing it to be unable to fully extend or even pop out. At this time, the position of the door strike plate should be adjusted.

## After-Sales Service



### 1. Product quality commitment

The products launched by our company have passed various tests by our company's professionals. If there are any usage problems caused by product quality during use or installation, our company can solve them.

### 2. 1 year warranty period

### 3. During the warranty period, if one of the following situations occurs, it must be repaired for a fee:

- ① Failure and damage caused by improper operation and improper repair by yourself;
- ② Failure and damage caused by transportation, handling, and jumping after purchase;
- ③ Failure and damage due to other unavoidable external factors;
- ④ Damage caused by using other than specified power supply and voltage;
- ⑤ During the free warranty period, damage caused by improper use or force majeure due to human factors.

### 4. All products are entitled to lifetime maintenance service after sale.

## Warranty Card

<b>Model No</b>			
<b>Installation Date</b>		<b>Purchase Date</b>	
<b>Mobil No</b>		<b>Name</b>	
<b>Address</b>			
<b>Dealer</b>			

**Thank you for using our products:**

**When entrusting repairs within the warranty period, this warranty card and invoice or receipt must be presented. This warranty card will not be issued if it is lost, so please keep it properly.**

**If there is any problem with the product you purchased, please return the product to your dealer or contact us directly.**

**Problem:**