# KAS FINGERPRINT PASSWORD LOCK MANUAL

## PREFACE

1. Electronic locks are sensitive and advanced products with fragile micro-chips and hardware. Please be aware that the position and type of environment the lock is installed in can affect its lifespan.
2. To install the lock, we recommend professional carpenters or builders. Incorrect installation of the lock can lead to irreparable damage and void of warranty.
3. After the lock is installed, please change the default management pin code immediately and keep a record of your new code.
4. Keep the backup mechanical keys in a safe secure location which can be conveniently accessed if required.
5. A low voltage alarm will sound when the **4 x AA** batteries need replacing.
6. Make sure the batteries are in the correct positive/negative terminals. Incorrect positioning of the batteries may short circuit and permanently damage the lock.
7. Please read the manual carefully before use, and operate the lock in accordance with instructions.
8. User data will be retain if batteries are temporarily removed.
9. Low voltage warning will sound after each unlock if battery voltage is below 4.8V.
10. This manual applies to the fingerprint door lock unless otherwise stated.
11. Disclaimer: Figures and characters in this manual are for manual demonstration and may not reflect the exact type or style of each model. We reserve the right to display any product that best demonstrates the manual content.

## HANDLE DIRECTION

1. Determine your door opening direction from the image below.
2. Use this direction to set the handle direction on the lock.



left outward          left inward          right outward          right inward
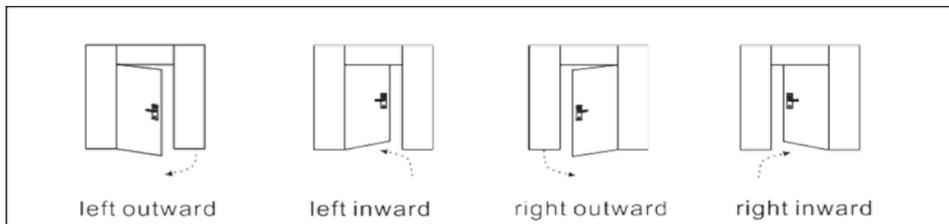


**LEFT HANDLE**          **RIGHT HANDLE**

Version: 1.0

# REVERSE HANDLE DIRECTION

1. To reserve the handle direction, you DO NOT need to unscrew the lock.
2. You can reserve the handles by shifting the tab downwards by using a small key (screw driver).
3. Fully unscrewing the lock by result in void warranty.

## REAR HANDLE



3. Rotate the handle 180°

1. Slightly press handle down

2. Shift the tab downards

4. Release the tab

## FRONT HANDLE



3. Rotate the handle 180°

Right handle, arrow symbol up

Left handle, arrow symbol down

1. Slightly press handle down

2. Use a small tool to shift the tab downwards

4. Release the tab
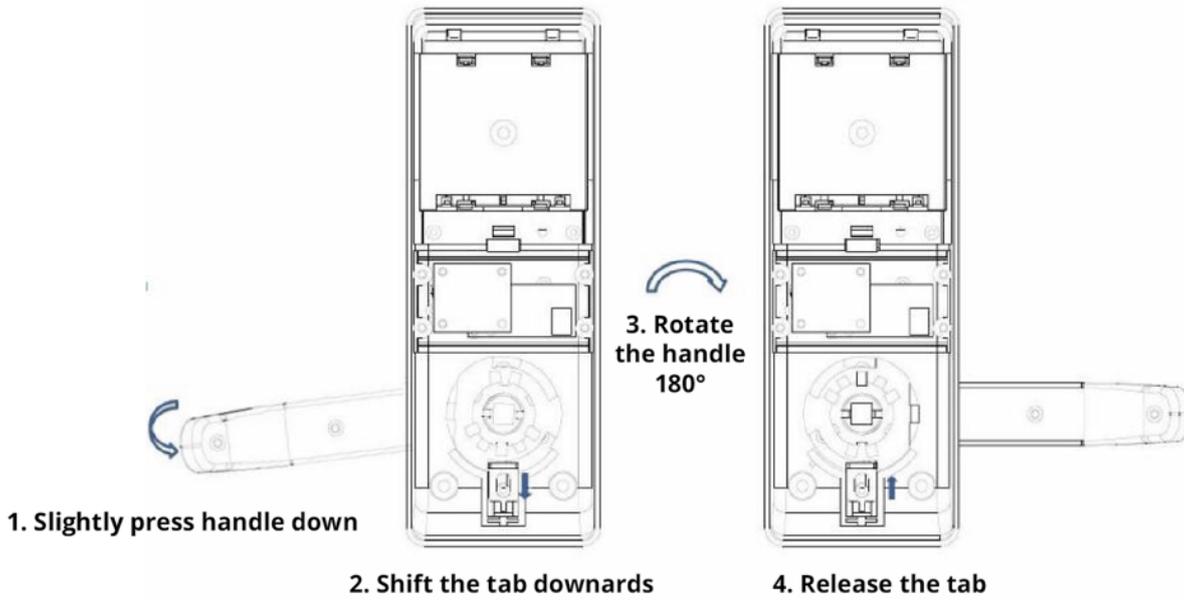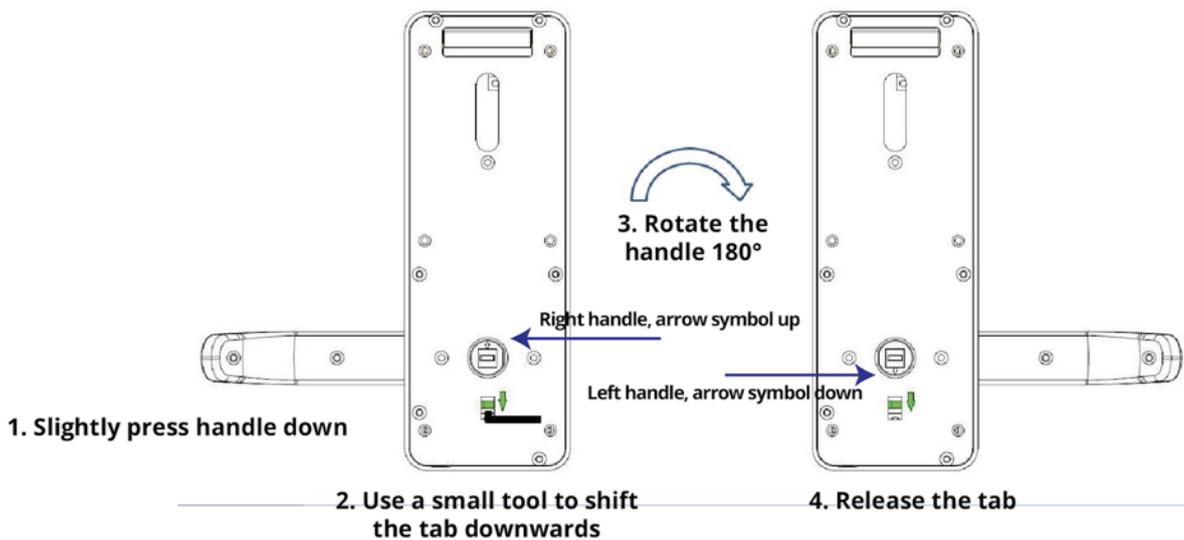
**IMPORTANT: Ensure the arrow symbol is facing Up and Down for Right or Left handle direction, respectively.**

## SQUARE SPINDLE ASSEMBLY

1. Assemble the square spindle in the front handle and ensure to fix with the split pin provided.
2. Ensure the arrow symbol on the clutch piece is point UP or DOWN
3. Fully unscrewing the lock by result in void warranty.
4. If you do not assemble the spindle and install the lock on the door. You may need to damage the lock or door for entry. Incorrect installation is not covered by warranty.
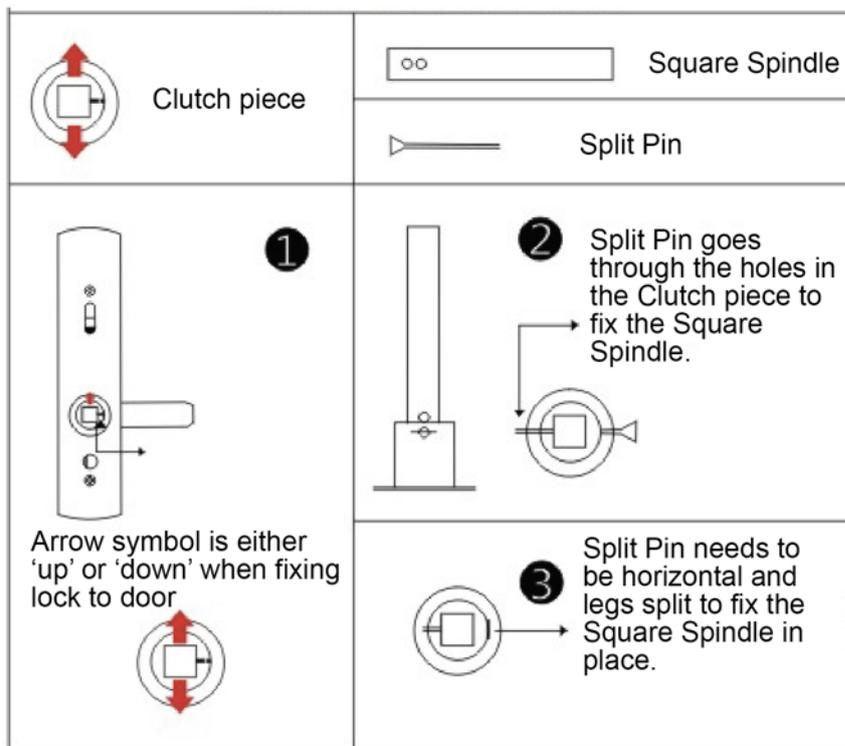


## MECHANICAL KEY OVERRIDE

1. Flick the black cap covering the mechanical barrel on the front handle. NOTE: It is attached to the lock so do not snap the black cap off.
2. Insert the mechanical key. Turn it 90 degrees. This will retract the door latch.
3. If the mechanical key does not turn, it is the wrong key.

# USER GUIDE AND PROGRAMMING INSTRUCTIONS

## 1    Set the Management Code (Compulsory Initialisation)

1. Capacity: 1
2. You must set the management code before any proceeding to program fingerprints.
3. The management code set will be the same code used to enter programming mode in the future.
4. Ensure to record the management code in a secure location.
5. Management code: 6 digits only and cannot unlock the door. Program a User Code for door access.

Format: "* <Management code> # <Management password again> #"

Example: "* 888888 # 888999 #"

Successful setting: 1 long beep
Unsuccessful setting: 2 short beeps and 'X' symbol displayed on the keypad.

Exit programming mode by pressing " * * "

## 2    Program a User Code

1. Capacity: 1
2. The User Code is used to unlock the door.
3. If you set a new user code, it will override the previous user code.

Format: "* * <Management Code> # 1 <User Code> # <User Code again> # "

Example: "* * 888888 # 1 123456 # 123456 #"

Successful setting: 1 long beep for successful setting
Unsuccessful setting: 2 short beeps and 'X' symbol displayed on the keypad.

Exit programming mode by pressing " * * "

## 3   Add a User Fingerprint
   1. Capacity: 100
   2. Conduct these steps completely for each finger. Do not try to program multiple fingerprints at once.
   3. Each fingerprint needs an <ID> in 2 digits length.
      I.e <Fingerprint1> = <ID1> = "01", <Fingerprint2> = <ID2> = "02", … , <Fingerprint_n> = <IDn> = "nn".

   Format: "* * <Management Code> # 2 <ID_n> # <Enrol Fingerprint_n 6 times> "

   Example: "* * 888888 # 2 01 # <Fingerprint1> <Fingerprint1> … <Fingerprint 1>"

   Successful setting: 1 long beep for successful setting
   Unsuccessful setting: 2 short beeps and 'X' symbol displayed on the keypad.

   Exit programming mode by pressing " * * "


## 4   Delete Individual User Fingerprint
   1. The User Fingerprint must exist in the lock for successful deletion.
   2. If the fingerprint you wish to delete is present, you don't need to remember the unique <ID>.
   3. You only have the press the <Fingerprint> once to delete it.

### Delete Individual User Fingerprint by <Fingerprint>

   Format: "* * <Management Code> # 3 1 <Press Fingerprint To Delete once> "

   Example: "* * 888888 # 3 1 <Fingerprint1> "

   Successful setting: no beeps, voiceover = "Delete successfully"
   Unsuccessful setting: 2 short beeps

### Delete Individual User Fingerprint by <ID>

   Format: "* * <Management Code> # 3 1 <ID1> # <ID2> #"

   Example: "* * 888888 # 3 1 01 # 02 # … nn #> "

   Successful setting: no beeps, voiceover = "Delete successfully"
   Unsuccessful setting: 2 short beeps


   Exit programming mode by pressing " * * "


## 5   Delete ALL User Fingerprints

   Format: "* * <Management Code> # 3 2 "

   Example: "* * 888888 # 3 2 "

   Successful setting: 1 long beep
   Unsuccessful setting: 2 short beeps

   Exit programming mode by pressing " * * "

## 6  Set Opening Mode

1. There are two Opening modes. 1) Common mode – one stage entry 2) Security mode – two stage entry.
2. Common mode: Open by either [Fingerprint], [RFID Tag] or [User pin code].
3. Security Mode (Dual Mode): Open by [Fingerprint->User pin code] or [RFID Tag->User pin code].
4. Note: to be able to enable Security mode you need at least 1 fingerprint, 1 RFID tag and 1 user pin code already programmed.

**Set Opening Mode: Common Mode**

Format: "* * <Management Code> # 4 1 "

Example: "* * 888888 # 4 1 "

**Set Opening Mode: Security Mode**

Format: "* * <Management Code> # 4 2 "

Example: "* * 888888 # 4 2 "

Exit programming mode by pressing " * * "

## 7  Change Management code

5. This will modify the Management code.
6. Note: the Management code can be the same as the user code.

Format:
"* * <Management Code> # 5 <New Management Code> # <New Management Code again> # "

Example: "* * 888888 # 5 123456 # 123456 #"

Successful setting: 1 long beep
Unsuccessful setting: 2 short beeps and 'X' symbol displayed on the keypad.

Exit programming mode by pressing " * * "

## 8  Set Free Passage Mode

1. Change the lock state to always unlocked or 'Free Passage'.
2. To revert to auto-locking mode simply open the door with either pincode, RFID card or fingerprint.
3. NOTE: entering into Free Passage mode twice will not cancel Free Passage mode.

Format: "* * <Management Code> # 6 "

Example: "* * 888888 # 6 "

Successful setting: 1 long beep, motor will engage to keep door open.
Unsuccessful setting: 2 short beeps and 'X' symbol displayed on the keypad.

Exit programming mode by pressing " * * "

## 9    Add a User Card

1. Capacity: 100
2. Add a User Card, RFID Tag to the lock for door access.
3. Each card needs to have a unique <ID> 2 digits in length. If you enter an <ID> which is not 2 digits, the setting will be unsuccessful.
4. NOTE: keep track of which <ID> is for which RFID tag to be able to individually delete a lost RFID tag by it's <ID>.

> Format: "* * <Management Code> # 9 <ID1> # <SwipeRFID1> <ID2> # <SwipeRFID2> … <IDn> # <Swipe RFID n> "
>
> Example: "* * 888888 # 9 01 # <swipeRFID1> 02 # <swipeRFID2> 03 # <swipeRFID3> "

> Successful setting: 1 long beep
> Unsuccessful setting: 2 short beeps and/or RFID tag is already programmed.

> Exit programming mode by pressing " * * "

## 10   Delete Individual User Card

4. Delete a RFID Tag from the lock to revoke RFID door access.
5. The RFID Tag must exist in the lock for successful deletion.
6. If you have the RFID Tag, you don't need to remember the unique <ID>.
7. If you do not have the RFID Tag, you need to enter it's programmed <ID> in order to individually delete it. If you don't remember it you may need to delete ALL user cards.

**Delete Individual User Card by <Swipe Tag>**

> Format: "* * <Management Code> # 0 1 <Swipe Tag To Delete> "
>
> Example: "* * 888888 # 0 1 <SwipeRFID1> "

> Successful setting: no beeps, voiceover = "Delete successfully"
> Unsuccessful setting: 2 short beeps

**Delete Individual User Card by <ID>**

> Format: "* * <Management Code> # 0 1 <ID> # "
>
> Example: "* * 888888 # 0 1 01 # "

> Successful setting: no beeps, voiceover = "Delete successfully"
> Unsuccessful setting: 2 short beeps

Both examples will have removed the <RFID Tag1> with <ID> = "01".

> Exit programming mode by pressing " * * "

## 11 Delete ALL User Card

1. Delete ALL RFID Tags from the lock for remove door access.
2. The RFID Tag must exist in the lock for successful deletion.

Format: "* * <Management Code> # 0 2 "

Example: "* * 888888 # 0 2 "

Successful setting: no beeps, voice over = "Delete successfully"
Unsuccessful setting: 2 short beeps

Exit programming mode by pressing " * * "

## 12 How to Factory Reset

1. Use a small tool to press and hold switch for 10 seconds.
2. The switch is located on the rear handle. You do NOT need to remove the lock handle from the door to press the switch.
3. Lock will beep once when initially pressed and keypad will flash 10 times (for each second).
4. After 10 seconds, the keypad lights will be solid. Now release the switch. The lock voice guidance will indicate the lock is factory reset and to proceed to enrol a new management code.
5. All data will be removed.
6. Note: all batteries must be inserted while conducting the factory reset process