User Manual of Glass Door Fingerprint Lock
(Model: EP-D6601)

- Digital Touch Keypad
- Card-Reading Area
- Fingerprint Reader
- OLED Screen
- External Power Port (Android)
- Side Catch
- Stainless Steel Latch
Feature

- **Flexible Unlocking Way:** Fingerprint, Password, Card, Remote Control (Optional)
- **Easy Installation:** No need to drilling holes, no need any other equipment
- **Real Voice Prompt and OLED Display:** Make the operation much easier.
- **Easy User-Management:** Each user with a serial number, easy to track, modify and delete.
- **Door Bell Function:** Save a doorbell for you, and make your door elegant.
- **External Power Supply:** No worry about battery exhausted. You can connect an external battery case through android port to supply power to unlock.
- **Multiple Unlocking Mode:** Enhancing the security level of the door lock
- **Messy Password Design:** When unlocking, you can add some random number before and after the correct password to prevent others peeping your password.
- **Password Protection:** After 5 time continuous wrong password attempts, the system will be locked for 30 seconds (No response for any action).
- **Low Power Consumption:** 4 pieces AA alkaline battery supplying power for 1 year.
- **Wide Application:** Can be used for glass door with / without frame, and for single door and double door. And you can change the opening direction on your side by yourself.
**Specification**

Unlocking Way: Fingerprint, Card, Password, Remote Control (Optional)
Admin Password Quantity: 1 set (Factory Admin Password: 123456)
User Password Quantity: 1 set
Fingerprint Quantity: 300 set
Key Card Quantity: 2000 set
Unlocking History Record: 2000 pcs
Voice Prompt Guidance: Yes
Language: English / Chinese
Applicable Door Type: Single & Dual Glass Door With/Without Frame
Applicable Door Thickness: 10 ~ 12mm
Door Gap Requirement: 5mm-10mm
Fingerprint Reader: Optical
Password Length: 6-10 digits
Keypad Type: Touch Panel
Main Material: Plastic or Zinc Alloy For Option
Color: Black, Silver, Gold
Latch Material: Stainless Steel
Display: OLED Screen
Power Supply: 4 pieces AA alkaline battery
External Power Port: Android Port (DC 5V)
Door-Opening Direction: Changeable
Working Current: Dynamic < 250mA, Static: < 55μmA
Working Humidity: 5~ 95%RH

**Function Key Introduction**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
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<tbody>
<tr>
<td>4</td>
<td>(15)</td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
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**Doorbell Function:** Press and hold doorbell key (0) for 2 seconds when the panel light is off.

**Mute Function:** Press and hold mute key (#) for 2 seconds when the panel light is off, then voice prompt will be turned off.

**Stay-Unlocked Mode:** Press "#" for twice after door is unlocked, then latch will not get out automatically. To cancel this mode, you need to verify any valid unlocking way (fingerprint/password/card).

**Manually Lock:** Press "***" for twice after door is closed.

**Other Function Key:** After entering setting menu, "2" means going up, "8" means going down, "##" means return, "##" means confirm.
Unlocking Way

Note: After opening door and then closing, the latch will get out automatically to lock it up.

※ Unlock By Fingerprint
Put your finger on fingerprint reader, if passed verification, latch will get inside automatically.

※ Unlock By Password
Press any key to activate the lock panel, then enter password and confirm with “#” to unlock.

Note: This lock support Anti-Peeping Password Input: Random Numbers + Correct Password + Random Numbers
For example, the correct password is 0123456789, when unlocking, you can enter 111101234567891111 to unlock.

※ Unlock By Card
Read valid card to the central area of the keypad, it will be unlocked automatically.

※ Unlock By Remote Controller (Optional)
Press “ON” button on the remote controller (within 15 meters from the lock).
Operation
Default factory admin password: 123456

Enter Setting Menu
- Press * and 
- Press Reset Button

Enter Admin Password → Setting Menu

Fingerprint Management
Menu
- Add Fingerprint
- Del Fingerprint
- Delete All

※ Press # to enter sub-menu or confirm. Press * to quit.
※ Fingerprint ID (Code) Range: 001~150
※ If beyond this range, system will let you input valid ID again.
※ You need to press fingerprint for 2 times when adding fingerprint.
※ If failed to recognize your fingerprint, system will let you press fingerprint again until succeed.
※ Make a sheet to record fingerprint ID and corresponding user.
※ When deleting fingerprint, you can input fingerprint ID to delete it or directly press the fingerprint that to be deleted.

Password Management
Menu
- Set User Password
- Del User Password
- Modify Admin Password

※ Press # to enter sub-menu or confirm.
※ Press * to quit.
※ Only one user password available.
※ Only one admin password available.
※ When you set or modify password, the old password will be covered directly.

IC Card Management
Menu
- Add IC Card
- Del IC Card
- Delete All

※ Press # to enter sub-menu or confirm.
※ Press * to quit.
※ You can add card continuously.
※ When deleting card, you can directly swipe (read) the card that to be deleted. You can also enter the last 5 digits of the card number to delete it if you have access to know the card number.
Remote Control Management

Menu

* Add Remote
* Del Remote

※ Press # to enter sub-menu or confirm.
※ Press * to quit.
※ Press the button on remote control to pair with the lock

System Setting

Menu

* Set Date&Time
* Unlock Mode
* Button Unlock Setting
* Language

※ Press # to enter sub-menu or confirm.
※ Press * to quit.
※ Single Unlock Mode: Verify any unlock way to unlock
※ Double Unlock Mode: Verify 2 different unlock ways to unlock
※ Triple Unlock Mode: Verify 3 different unlock ways to unlock
※ Button Unlock means you can press the button beside the knob to unlock. Actually, you can push the knob in then turn it to lock / unlock manually.

Unlock History Record

<table>
<thead>
<tr>
<th>Record</th>
<th>0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC Card</td>
<td></td>
</tr>
<tr>
<td>ID Number:</td>
<td>25009</td>
</tr>
<tr>
<td>2018-08-23</td>
<td>01:00</td>
</tr>
</tbody>
</table>

※ Press # to enter sub-menu or confirm. Press * to quit.
※ Press 2 and 8 to turn page.
※ It will record unlock way, ID number, date and time.
※ The latest 2000 pcs unlock information can be recorded. If exceed 2000 pcs, old one will be covered automatically.
**Lock Size**

![Image of a lock with dimensions labeled: 190mm height, 78mm width, 68mm depth.]

**Change Opening Direction**

You can adjust the door-opening direction if it is not the way you want. Steps as below:

![Diagram showing how to change the opening direction.]

1. Remove the front panel.
2. Unplug the wiring cable.
3. Flip the steel frame.
4. Reconnect the wiring cable.
5. Replace the front panel.

Ensure all connections are secure to prevent malfunction.
a) Loosen the 4 screws on the back panel to take off the back panel
b) Disconnect the wiring cable that is connected to back panel (Be careful when doing it)
c) Loosen the 4 screws on the front panel to take off the front panel from the steel frame
d) Turn both the front panel and back panel for \( \angle 180^\circ \), then fix the front panel to the steel frame
e) You don’t have to fix the back panel to the steel frame now, because you still need to take it off when install it to the door later on.

**Installation**

※ **Preparation:**
1. You need a screwdriver
2. If for 2 swing doors, you need a bolt to fix one of them
3. Choose an appropriate position on the door for lock installation
4. Clean the area of the door where the lock is going to be installed (no dust and no water droplets)

※ **Installation Steps:**

**Step #1:** Rip off the protective film from the fixing plate, stick the fixing plate to glass door (inside room) along the edge.  
**Note:** The 2 fixing plate for lock body and side catch must be aligned. You can make mark on the door before sticking it.

![Stick To Glass Door](image1)

![Along The Edge](image2)

![Inside Door](image3)

![Must Be Aligned](image4)

**Step #2:** Loosen the 4 screws on the back panel to take off the back panel. Disconnect the wiring cable that connected to back panel (Be careful when doing it)

![Back Panel](image5)

![Front Panel](image6)

![Wiring Cable](image7)

![Screws](image8)

![Steel Frame](image9)

Pull the small buckle out, then pull out the wiring cable
Step #3: Use the U-shaped groove of the steel frame to clamp the door and the fixing plate, then tighten up with 5 screws. Then connect the wiring cable and fix the back panel.

Step #4: Refer to the lock body's installation way to install the side catch.

Step #5: Test
Load 4 pcs AA alkaline batteries, then press any key to see if the panel can be activated (Light up). If not:
   a) Check if the battery are exhausted, or if the battery's positive and negative poles are connected correctly.
   b) Take off the back panel and check if the wiring cable is lose or damaged or connected in wrong way.

Troubleshooting

Can Not Read Fingerprint
Possible Reason and Solution: The skin is too dry or injured, set a new fingerprint to try again.
Possible Reason and Solution: Fingerprint reader is not clean. Clean it with cloth and try.
Possible Reason and Solution: Fingerprint reader is scratched or broken, contact us for help.

Can Not Automatically Lock
Possible Reason and Solution: Lock body and side catch is not aligned. Check and make them aligned.
Possible Reason and Solution: Under "Normal Open" mode. Press "∗" to cancel "Normal Open" mode

No Reaction For All Operation
Possible Reason and Solution: Battery exhausted. Use external battery case to unlock and then change battery.

Other Problems: Contact us for help.