

# BIOLOCK™

*The Future  
At Your Door...*

## **BIOLOCK 333 Keyless Fingerprint Lock User Manual**



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## Chapter1. Introduction

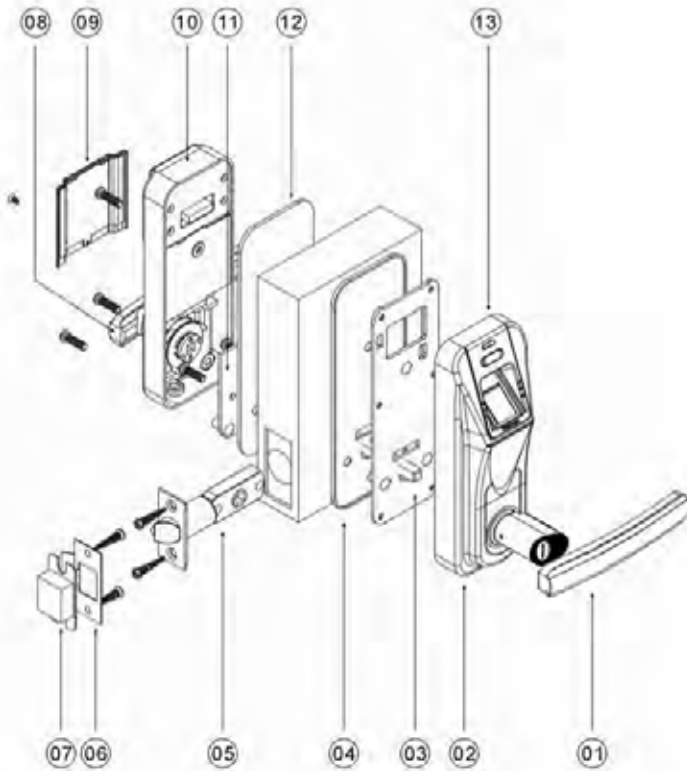
### 1.1 Model number

Model	BIOLOCK 333
Picture	

### 1.2 Main features

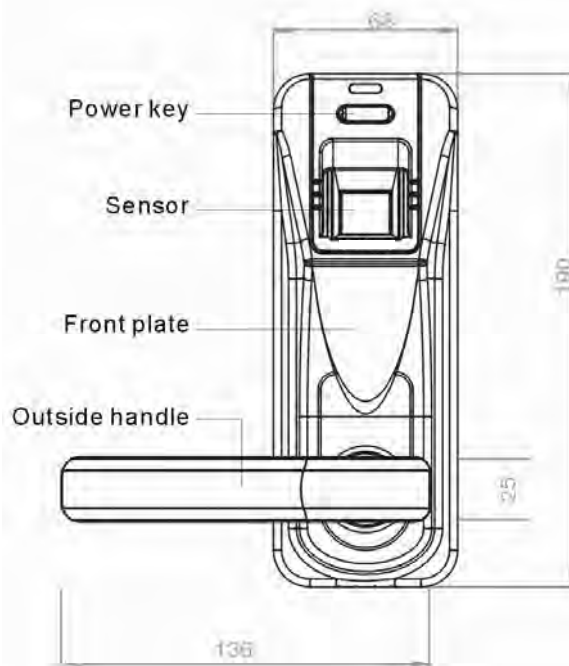
- Durable Fingerprint Reader Adopt optical fingerprint sensor
- Fingerprint can't be duplicated
- IR Remote Control
- Zinc alloy die-casting body
- Simple user interface (Easy operation keys)
- Compatible with cylinder door
- Users capacity up to 99 users
- Working temperature -13°F to 125° F
- 4 (AA) alkaline battery, external power supply port (emergency)
- Fingerprint sensor resolution 500DPI
- Reversible Handle (Handle can be converted to be used on either a right-hand or left-hand door)

### 1.3 Structure & Components

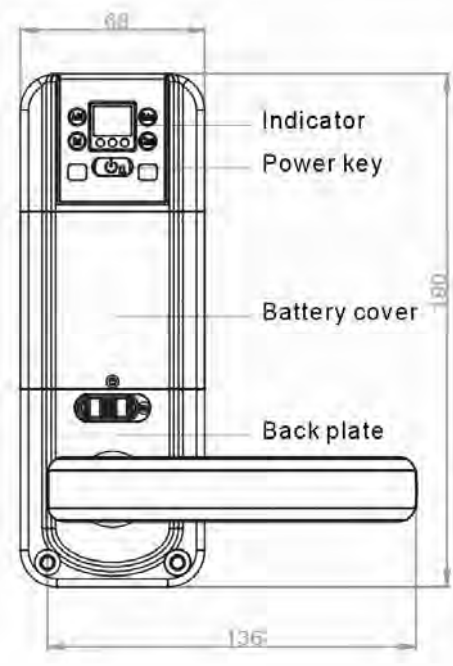


01	Outside handle
02	Socket for standby power
03	Square spindle
04	Front gasket
05	Latch
06	Strike plate
07	Strike
08	Inside handle
09	Battery cover
10	Back plate
11	Fixing board
12	Back gasket
13	Front plate

### 1.4 Dimension (In CM)



**Front View**












**Back View**

### 1.5 Packing List

<p><b>Bag A Includes:</b></p> <p>Strike (1pc)</p> <hr/> <p>Strike plate (1pc)</p> <hr/> <p>1.2" Screw for strike plate (2pc)</p>	<p><b>Bag B Includes:</b></p> <p>1.2" Screw for Adjustable latch (2pc)</p> <p>(2 Extra 1.2" screws included for replacement)</p>
<p><b>Bag C Includes:</b></p> <p>Long Connector Screw (3pc)</p> <p>(for use if your door width is 1.6 - 2 inches)</p>	<p><b>Bag D Includes:</b></p> <p>Mechanical Keys (3pc)</p> <hr/> <p>Alan Wrench (1pc)</p>

### Loose Parts:

 <p><b>Part #1. Short connector screw (3 pcs)</b></p>	 <p><b>Part #2. Adjustable single latch 2-3/8" or 2-3/4" (1pc)</b>  <b>Square spindle (1pc)</b></p>	 <p><b>Part #3. Front Panel (1pc)</b></p>
 <p><b>Part #4. Back Panel (1pc)</b></p>	 <p><b>Part #5. Rubber gasket (2pcs)</b></p>	 <p><b>Part #6. Iron fixing board (1pc)</b>  <b>Iron fixing board screw (2pc)</b></p>
 <p><b>Part #7. IR Remote (1pc)</b></p>	 <p><b>Part #8. Batter cover screw (1pc)</b></p>	 <p><b>Part #9. Manual &amp; template (1pc)</b></p>

### 1.6 Weight

Parts	N.W. (Lbs)
Front plate	2.27
Back plate	1.54
Latch	0.26
Accessories	1.10
<b>Total</b>	<b>5.17</b>

### 1.7 Technical Specification

Item	Description
Sensor	Optical
Resolution	500DPI
Scanning time	<1s
FRR(False Rejection Rate)	0.01%
FAR(False Acceptance Rate)	0.0001%
Users capacity	99 (Each user one fingerprint)
Battery	4 AA Alkaline battery
Working current	0-150mA
Standby current	0uA
Opening method	Fingerprint, Mechanical key, Remote control (Optional)
Working temperature	-13 °F to 125 ° F
Working humidity	20%-80%
Humidity	15%RH to 95% RH

### 1.8 Power supply for emergency

When battery voltage is low, you can unlock with external power supply or mechanical key



## Chapter2. Operation Instruction

### 2.1 Keypad description



**Front Key**



**Back keys**

#### Front Body Key

The power key on front is to power the system and light the reader.

#### Back body Keys

The power key on back body is to power the system and operate the lock. There are also other 4 keys, Add key, Delete key, Confirmation key, Clear key,

### 2.2 User Grades

There are three grades user: **Super Master (S)**, **Master (M)**, **User (U)**

**Super Master (S)** – “Super Master” is **No.1** user who registers the fingerprint in the lock.

The “Super Master” can add or delete users from **No.2** to **No. 99..**







**Master (M)** – “Master” is **No.2** or **No.3** user who registers the fingerprint in the lock

The “Master” can add or delete users from **No.4** to **No.99.**  
The master could not add or delete mutually.

**User (U)** – “User” is **No.4** to **No.99** users who can only open the door with fingerprint registered under the permission of the Super Master or the Master.







### 2.3 How to enroll your fingerprint

#### 2.3.1 Enroll the super master







 <p>1. Press the indoor Power Key</p>	 <p>2. Press the Add Key</p>
 <p>3. The reader will light after the beep</p>	 <p>4. Place your finger once</p>
 <p>5. After the beep, place your finger one more time, then the red light &amp; the green light will shine 3 times in sequence.</p>	 <p>6. The super master is registered. Operation is complete</p>



### 2.3.2 Enroll the master

 <p>1. Press the indoor Power Key</p>	 <p>2. Press the Add Key</p>
 <p>3. The reader will light after the beep.</p>	 <p>4. Verify the finger of the super master(N°1) to get access.</p>
 <p>5. First available master number will display.(N°2 or N°3)</p>	 <p>6. Select the master number. Then press <b>OK</b></p>
 <p>7. Place the finger of the master once for registration.</p>	 <p>8. Then place the finger of the master one more time. The light will flash 3 times in sequence. The Operation is complete.</p>

### 2.3.3 Enroll the user

 <p>1. Press the indoor Power Key</p>	 <p>2. Press the Add Key</p>
 <p>3. The reader will light after the beep.</p>	 <p>4. Verify the super master or master finger to get access</p>
 <p>5. First available user will display. Choose the user number by “+” or “-” key. Then press <b>OK</b> (N°4 or N°99)</p>	 <p>6. The reader will light, place the finger of the user once</p>
 <p>8. Then place the finger of the user one more time. The light will shine 3 times in sequence. The Operation is complete.</p>	 <p>8. The registration is not complete if the red light flash..</p>

**Remarks: The master could not be reregistered as a user.**

### 2.4 Review the users



1. Press the indoor Power Key once



2. Press the indoor Power Key one more time



3. The total number of user will be displayed (Super master, masters and users)



4. Then, the super master and the master.



5. and then all users



6. Log out the system

### 2.5 Delete the users



1. Press the indoor power key



2. Press the Delete key



3. The reader will light after the beep.



4. Verify the super master or master finger to get access



5. User number is displayed, Choose the user you want to cancel by "+" or "-" key.



6. Select the user then press OK

## 2.6 Clear all users



1. Press the indoor Power Key



2. Press the Clear Key



3. Place the fingerprint of the **Super Master**



4. After the beep, all fingerprints will be canceled

### 2.7 Access mode

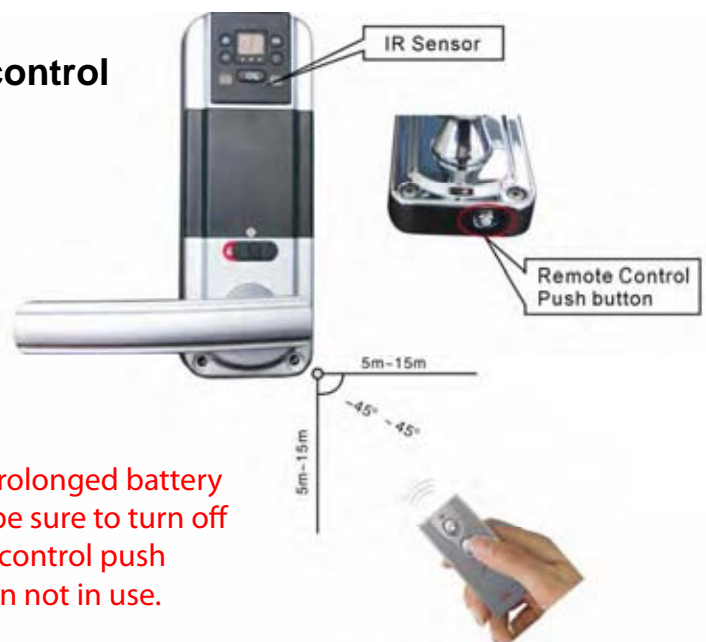
#### 2.7.1 Unlock by fingerprint

	
<p>1. Press the start button.</p>	<p>2. Place the finger who is recorded, then there will be a beep and the door will unlock.</p>

	<p>3. Turn the Handle and open the door</p>
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#### 2.7.2 Unlock by indoor remote control

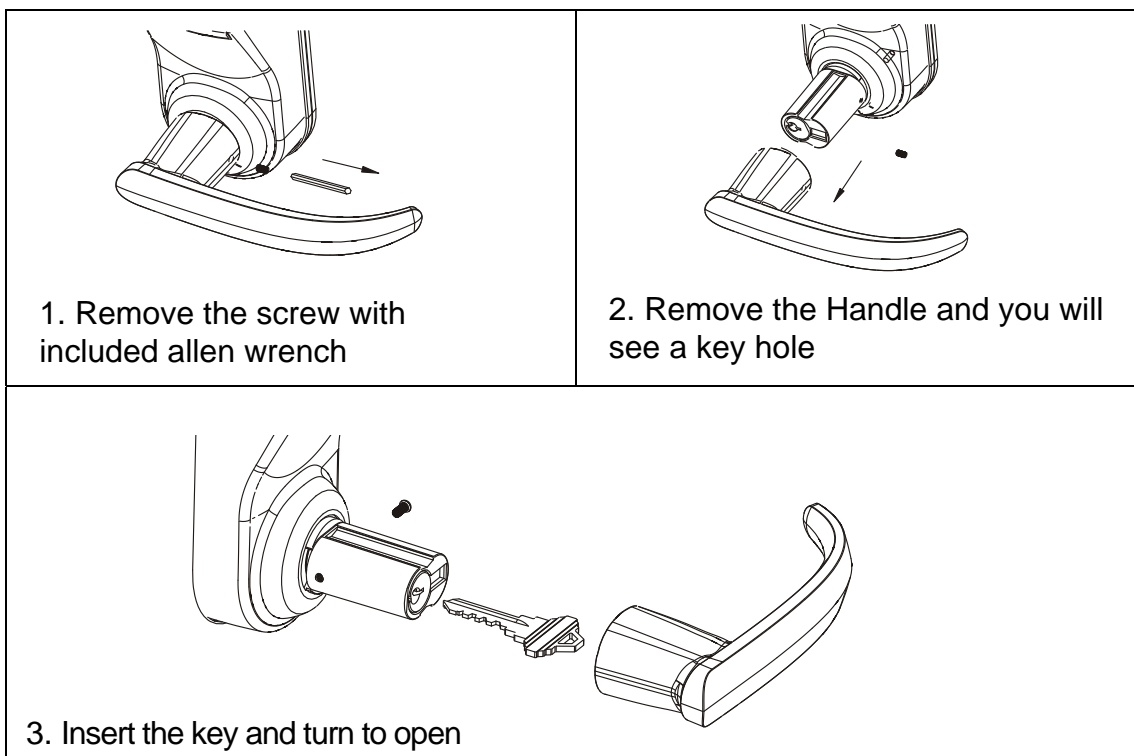
Unlock the door from inside from any directions within the range Press the push button on the back lock body.



To ensure prolonged battery life, please be sure to turn off the remote control push button when not in use.

IR Remote Controller

### 2.7.3 Unlock by key



### 2.8 Normal Open & Normal Close Setting

The lock has a “Passage Mode Key” which allow you to keep the door open.



Switch the lock to “Normal Open”. Then simply press the power key, and your door will unlock. It will lock again after 5 seconds. To set unlock by fingerprint mode, switch the lock to Normal Close, and now the lock will require a registered fingerprint to unlock.

### 2.9 Low battery alert

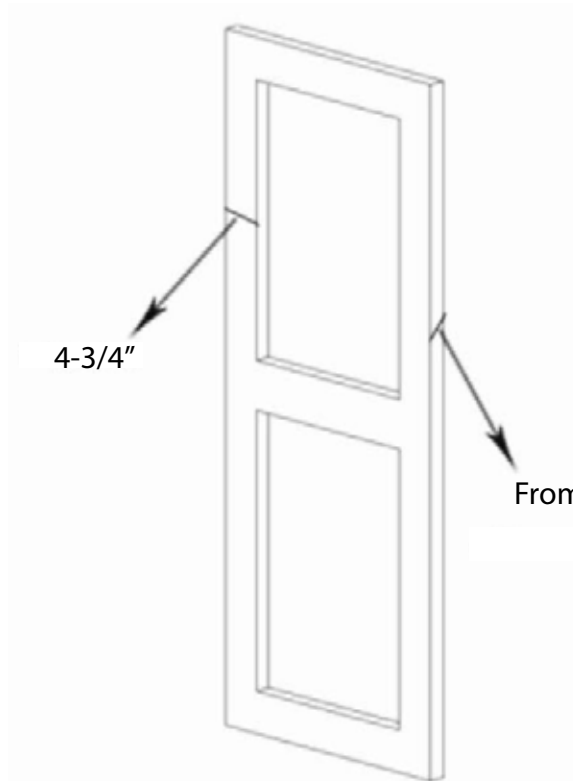
When the battery is below 4.3 V, the lock will send a signal after any operation. The indicator beeps for 15 times within 3 minutes. You still be able to use the lock more than 50 times. Change the battery quickly.

## Chapter3. Installation

### 3.1 Tools required for installation

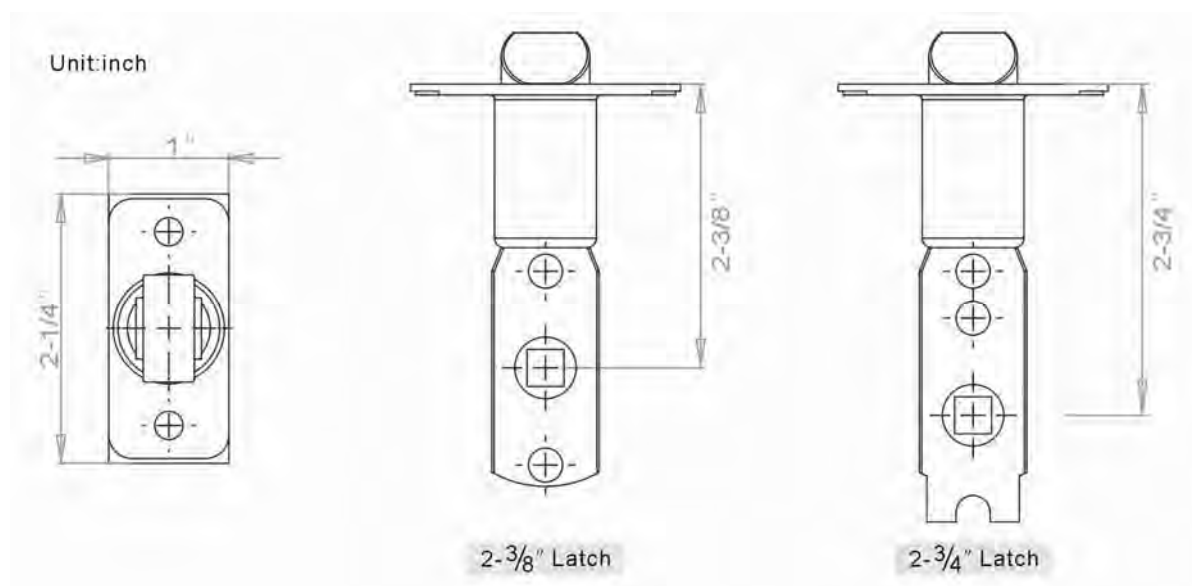
 <p>1.Pencil</p>	 <p>2.Tape</p>	 <p>3.Measure</p>
 <p>4.Drill</p>	 <p>5.Auger for basket hole Diameter: 2-1/8”(54mm)</p>	 <p>6. Auger for latch hole Diameter: 1” (25.4mm)</p>
 <p>7.Auger for fixing screw Diameter: 3/8” (10mm)</p>	 <p>8. Screw driver</p>	 <p>9.Knife</p>
 <p>10. File</p>	 <p>11.Hammer</p>	 <p>12.Chisel</p>

### 3.2 Door requirement



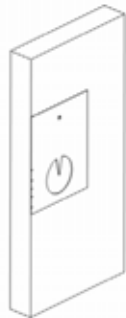
**If your door thickness is from 1.25" to 1.65" use the short connector screws**  
**If your door thickness is from 1.65" to 2.0" use the long connector screws**  
**If the door surface is decorated, the distance from then decorative edge to the door frame must be above 4-3/4 inch.**

### 3.3 Latch size

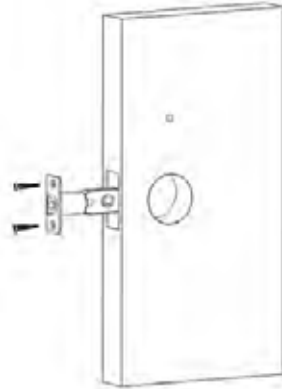




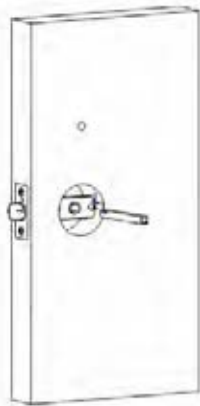
## 3.4 Installation steps



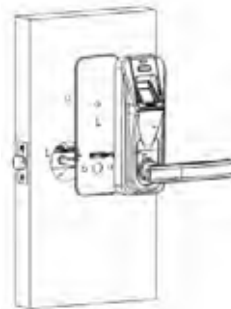
1. Remove your old handle. Then place the template so the large handle hole lines up with the pre-existing hole in the door. Determine the handle line and drill holes with the template board (part #9)



2. Then attach the latch (part #2) with the 1.2" screws (in Bag B)

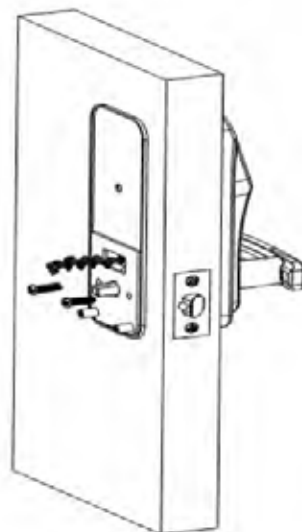


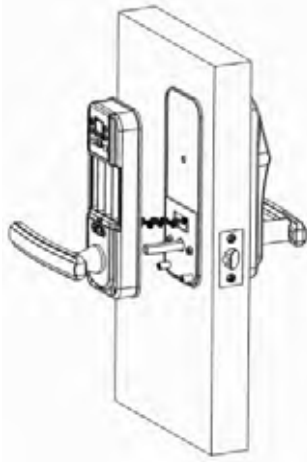
3. Put the square spindle (part #2) through the basket hole



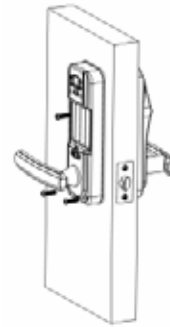
4. Place the rubber gasket (part #5) on the back of the front panel (part #3) & feed the black wire connector through the gasket hole and then through the door hole to the other side. Then install the front panel (part #3).

5. Place the other rubber gasket (part #5) on the inside of the door and attach the back iron board (part #6) on the rubber gasket (part #5) with the iron fixing board screws (part #6)

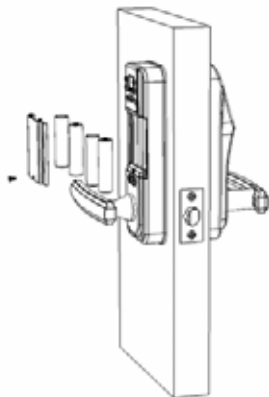




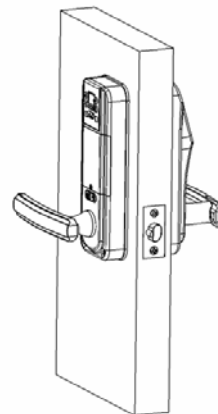
**6. Connect the cable to the back panel (part #4) Please refer to Section 3.6.**



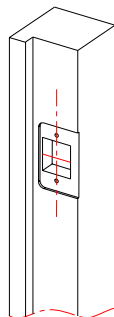
**7. Attach the back panel (part #4) to front panel connectors with 3 connector screws. If your door thickness is from 1.25" to 1.65" use short connector screws (Part #1). If your door thickness is from 1.65" to 2.0" use long connector screws (Bag B).**



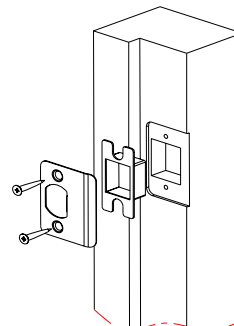
**8. Install the batteries into the compartment on the back panel.**



**9. Attach the battery cover with battery cover screw (part # 8)**

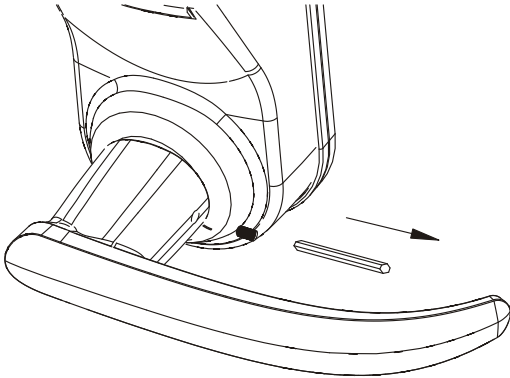
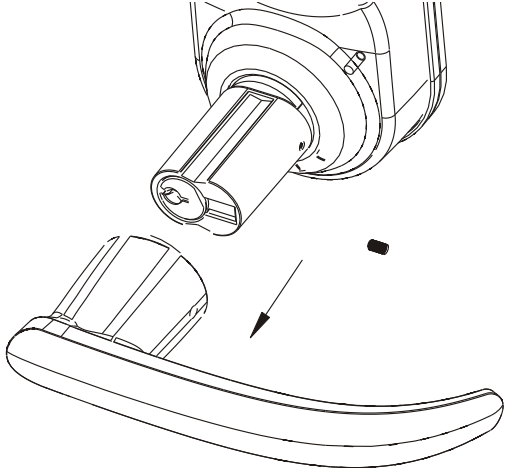
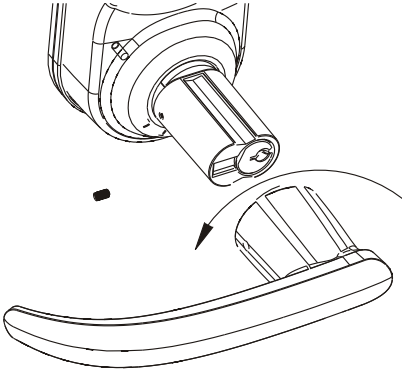
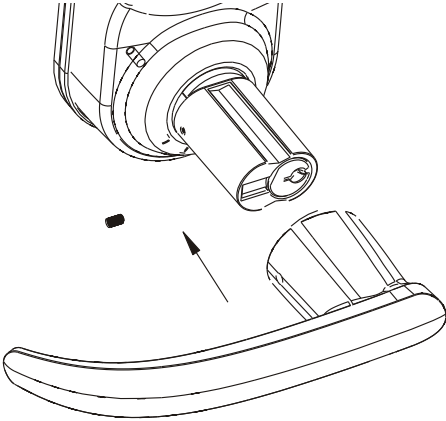
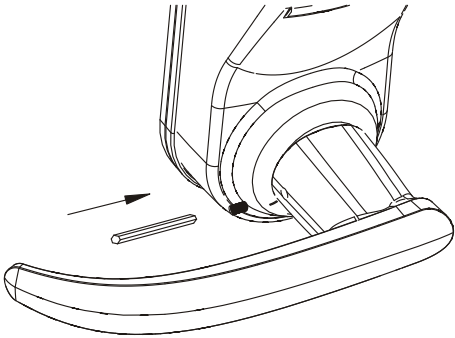



**10. Cut hole for strike and strike plate**

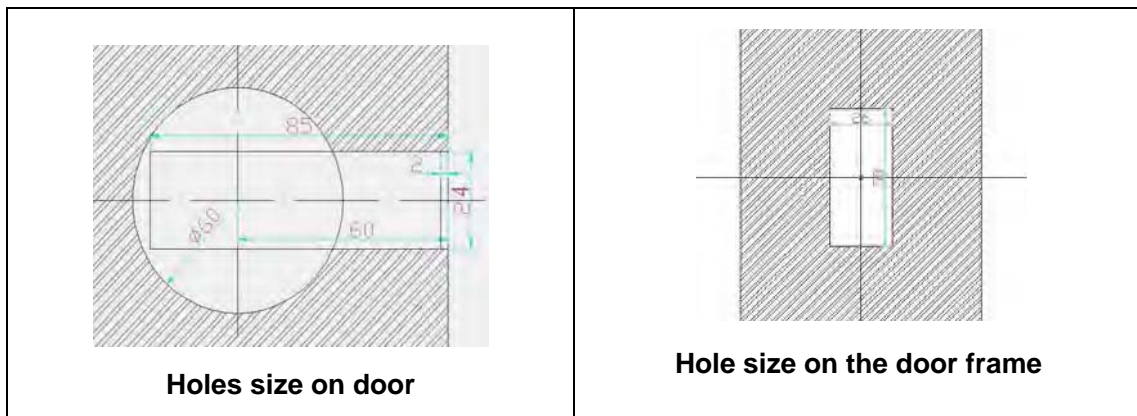


**11. Attach the strike and strike plate with strike screws (in Bag A)**

### 3.4.1 Reversible Handle

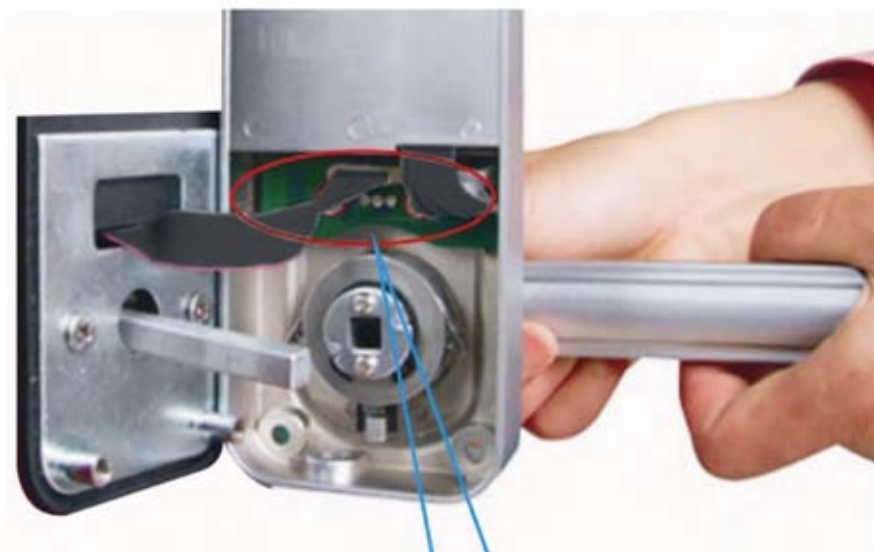
 <p>1. Remove the screw with included allen wrench</p>	 <p>2. Remove the handle covering the key hole</p>
 <p>3. Flip the handle to the reverse direction</p>	 <p>4. Place the handle back onto the lock</p>
 <p>5. Using the allen wrench screw the handle back into place</p>	 <p>6. Make sure to reverse the handle on both indoor and outdoor handles. The reverse handle is now ready for use.</p>

### 3.5 Installation diagram



### 3.6 Tips for installation

Please insert the cable as picture below with care.



#### **NOTE!**

Please make sure to put the cable in the red circle space before you attach the back panel to prevent wire from breaking.

## Chapter4. Maintenance

1. Warranty will become void if the warranty seal on the back of the front and back panel is broken.
2. Change the battery timely when low power alert sounds.
3. Keep away from corrosive material or any liquid,
4. Do not hang anything on the handle.
5. Keep the emergency key.
6. Keep the surface of the sensor clean and dry.
7. Keep your fingers clean when using this product.
8. In the state of new lock (factory setting), the lock can be unlocked with any fingerprint.
9. 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.
10. This product can save 99 fingerprints, among which 1 is the Super Master (Code: 01), and 2 Masters (Code: 02-03), and the other 96 are member fingerprints (Code: 04-99)
11. Deletion of fingerprint is to delete each fingerprint separately according to its code; the fingerprint cannot be deleted unless you know the code.
12. 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).
13. 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.
14. 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.
15. Customer Service Hotline: 1-866-572-LOCK  
(5625)