ezylock
WELCOME TO THE FUTURE

Smart lock installation manual

SUMMARY

1. Product instruction

Before using the lock, please read the user manual carefully.
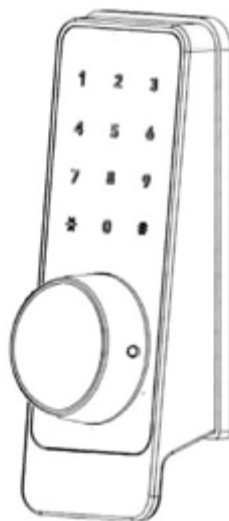
1.1. Product description

Figure 1: EZYLOCK

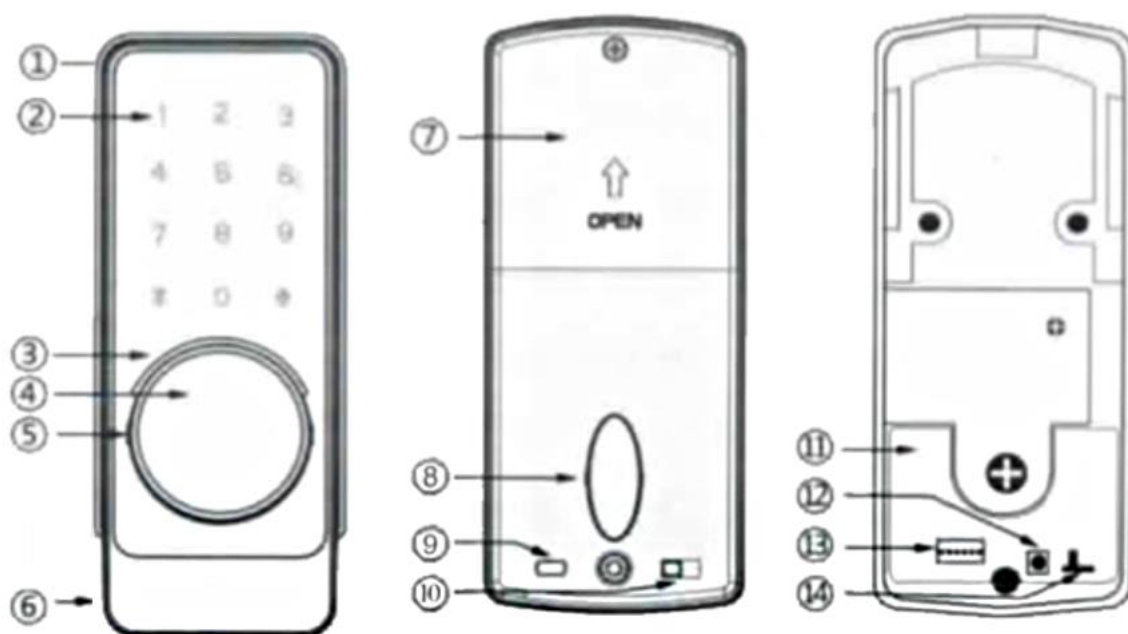EZYLOCK is a smart, secure, versatile and easy-to-use lock.

It is suitable for homes, vacation homes, hotels and offices.

It supports firmware update, and software functions can be expanded through firmware update.

EZYLOCK is for push-to-inside door use only.

Smart lock specification	
Model	EZYLOCK US 00 WF and EZYLOCK 4G WF
Dimension	154 x 58 x 24mm (6 1/16 in x 2 9/32 in x 15/16 in)
Material	Zinc alloy
Weight	1.10kg (38.8 oz)

2. Product structure

① EzyLock lock   ⑧ Knob
② Touch keyboard   ⑨ Button for locking & unlocking
③ Indicator light   ⑩ Security switch
④ Cylinder cover   ⑪ Rear PC board
⑤ Pin   ⑫ Reset button
⑥ Door handle   ⑬ Socket
⑦ Battery cover   ⑭ Switch for direction

Figure 2: EZYLOCK structure
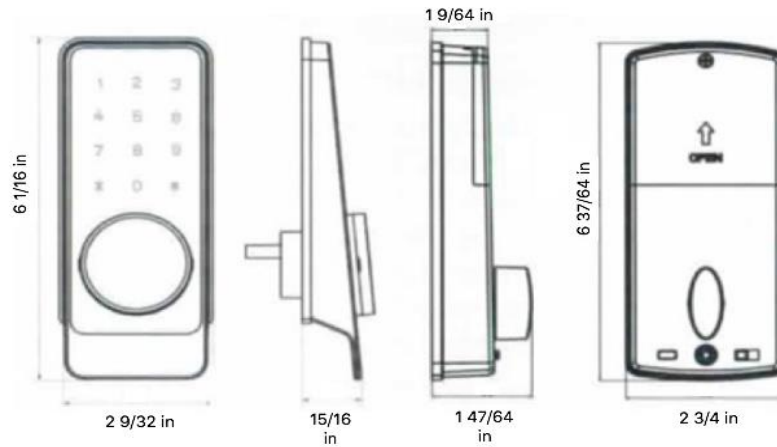
3. Product dimensions

Figure 3: EZYLOCK dimensions

4. Product features

- Tilted structure design for better view and convenient operation.
- Auto locking when close the door.
- Passcode unlock mode.
- Double locking by switch from inside secures privacy and security.
- Security passcode.
- Low battery alarm.
- Access records can be queried for monitoring.
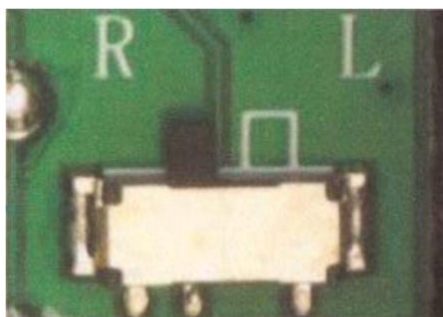- Mechanical emergency key.

5. Technical parameters

Power supply	4.5V ~ 6.5V (4 pcs AA alkaline batteries)
Support phone system	Android 5.0/iOS 11 or above
Alarm voltage	4.8V ± 0.2V
Static current	< 60 mA
Dynamic current	< 200 mA
Operating temperature	-40ºC ~ 70ºC (-40ºF ~ 158ºF)
Operating humidity	20% ~ 93% RH
FAR (False Acceptance Rate)	< 0.001%
FRR (False Reject Rate)	< 1.0%
Opening time	around 1.5 seconds
Mobile phone app	no limitation
Password store capacity	250

6. Installation and adjustment
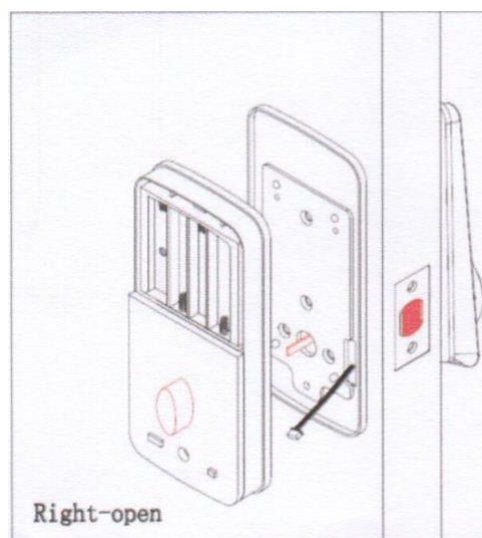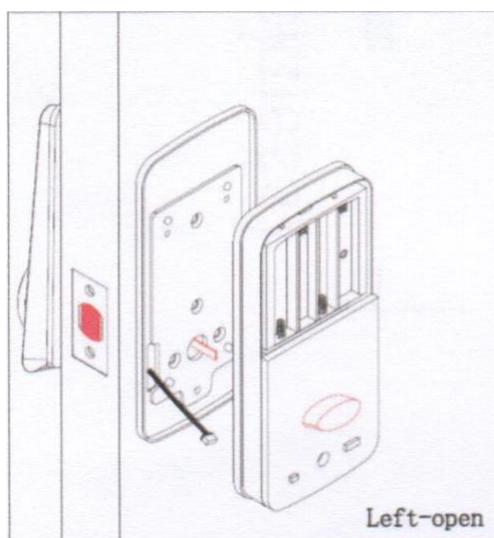
6.1. Adjustments before Installation

Before installing the door lock on the door, confirm whether the lock is left or right open and move the SWITCH according to the open position.
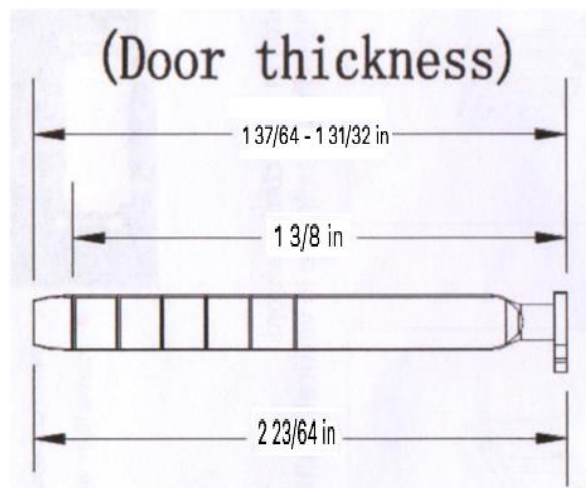

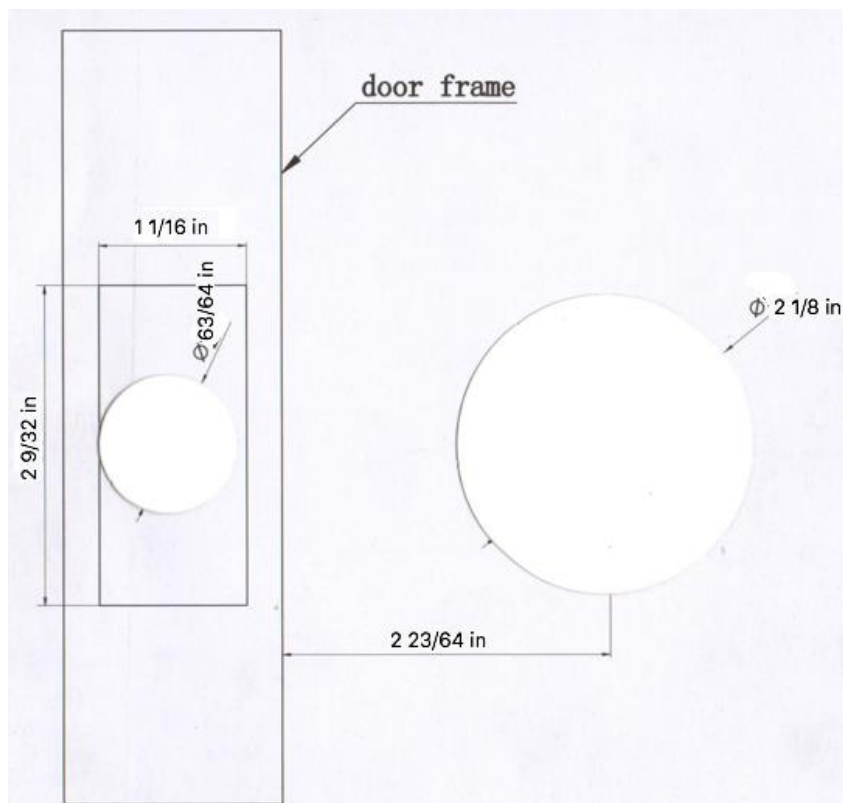L – means left-open

R – means right-open

Keep the latch in the retracted position and keep the cylinder tailpiece in a vertical position.

Left-open

Right-open

If necessary, adjust the size of the tailpiece. The relation between tailpiece length and door thickness is:

(Door thickness)

1 37/64 - 1 31/32 in

1 3/8 in

2 23/64 in

Make sure the holes and positions follow the template below

door frame

1 1/16 in

Ø 63/64 in

2 9/32 in

Ø 2 1/8 in

2 23/64 in

6.2. Installation condition

- Door frame: > 4 21/64 in
- Door thickness: 1 3/8 – 1 31/32 in
- Door thickness: > 1 31/32 in (Cylinder will be longer)
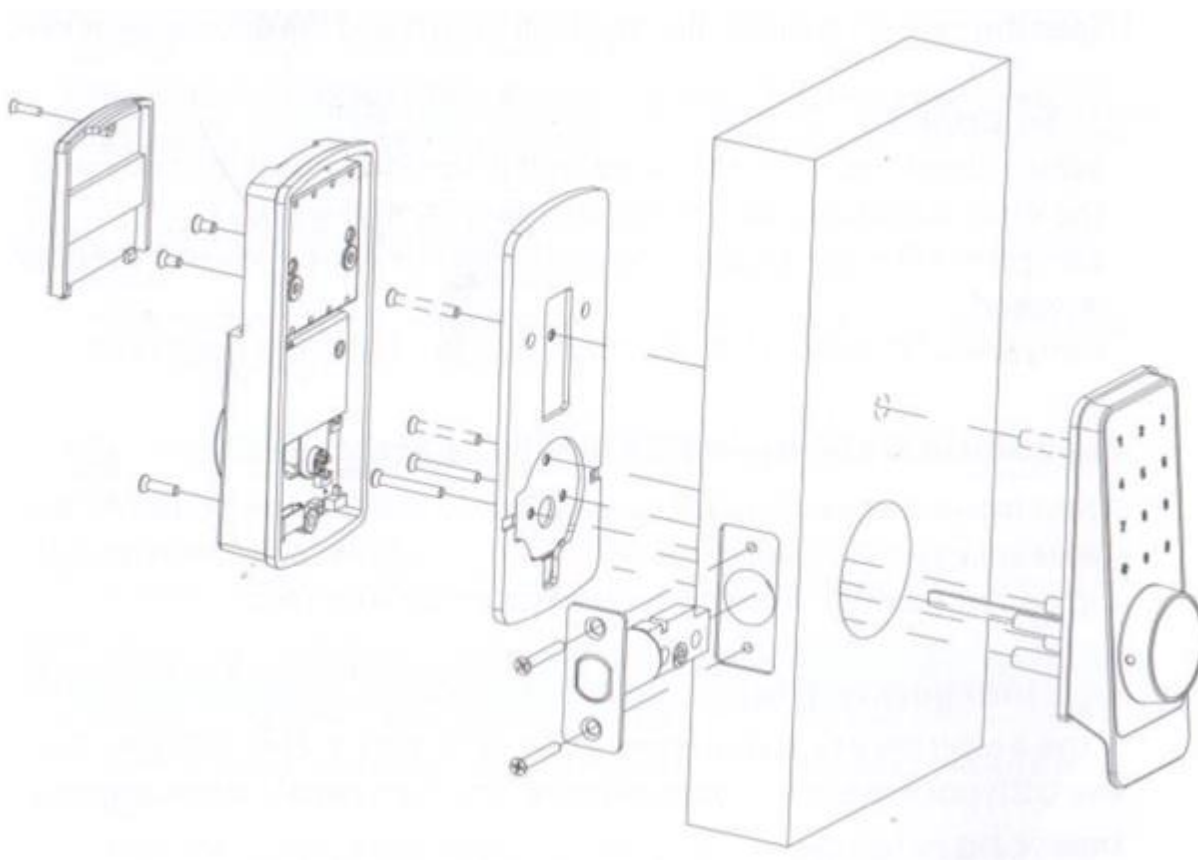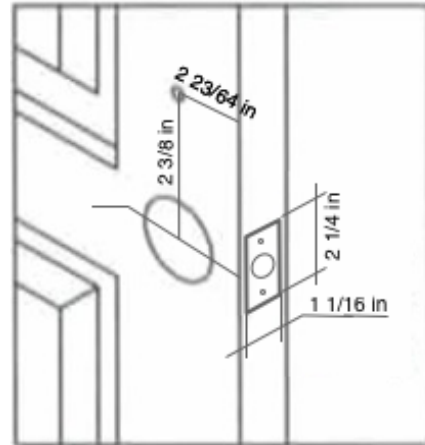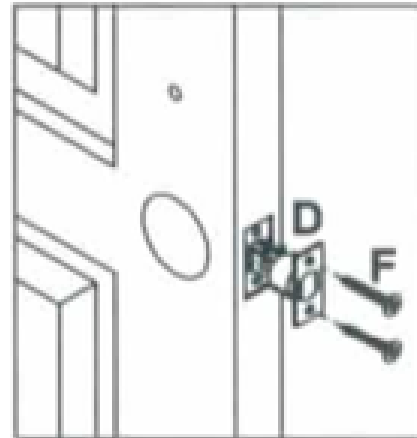
6.3. Installation assembly

Figure 4: EZYLOCK installation on the door frame
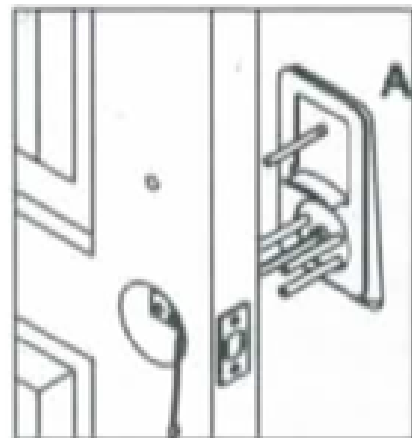
6.4. Installation steps

1. Drill a large and a small hole on the door for the front and rear panel and drill a round hole on the door frame for the deadbolt according to the 1:1 template.
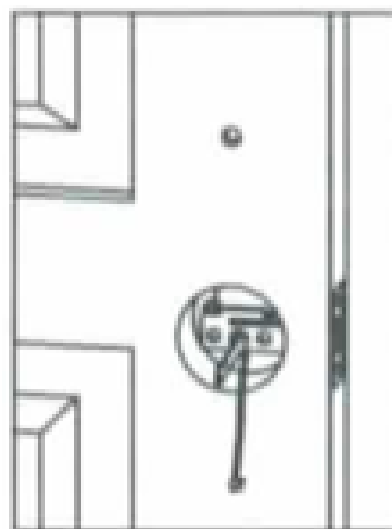

2. Insert the deadbolt into the hole of the door frame and fix it with 2 screws.

3. Insert the thin bar of the front panel into the hole of the deadbolt in a vertical position.
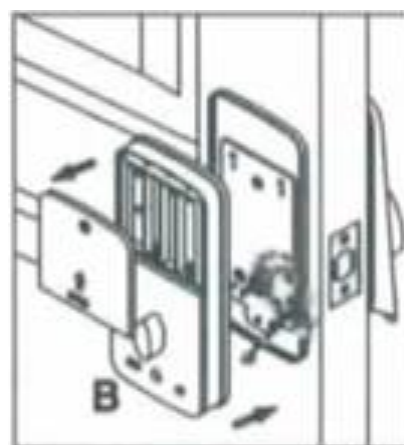
4. Put the cable wire of the front panel through the door hole to the inside of the door.

5. Pass the cable wire through the small square hole on the right side of the mounting plate.
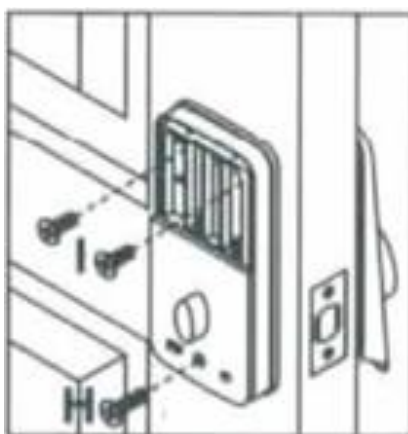

6. Remove the battery cover. If the lock is for right-open, keep the knob in the vertical direction and the moving switch in PCB in the R position. (If the lock is for left-open, keep the knob in horizontal position, the moving switch in PCB in the L position).
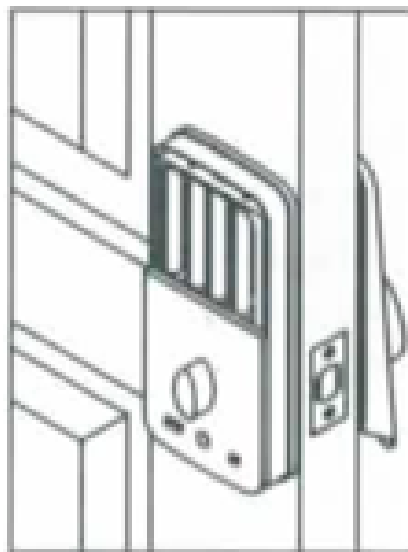
7. Insert the plug of the front lock into socket of the rear lock and insert the thin bar into the hole of the knob.
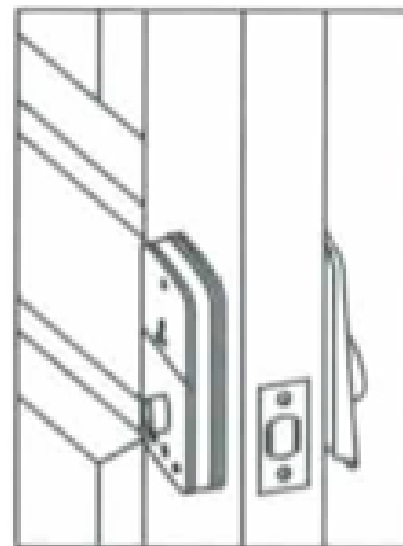

8. Fix the rear panel on the mounting plate with 3 screws.

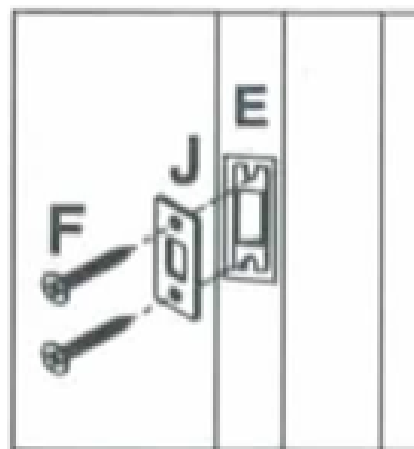9. Load 4 AA alkaline batteries in the battery holder of the rear panel
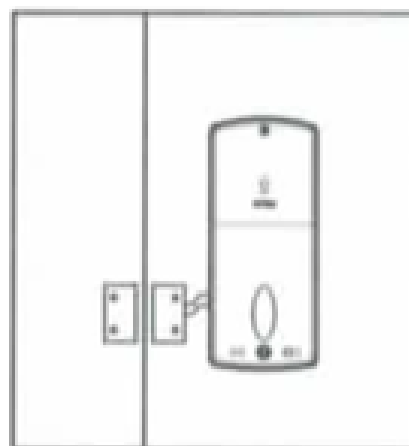
10. Fix the battery cover with a screw.

11. According to the actual size of the strike box, drill a hole on the door frame, insert the strike box, and cover the strike plate, and fix it with 2 screws.

   Test and debug: Turn the knob of the rear panel to check whether the deadbolt protrudes and retracts smoothly; insert the mechanical key to check whether the deadbolt protrudes and retracts smoothly; Press the " button for locking & unlocking" (see Figure 2 – item 9) to open/close the door to check whether the deadbolt protrudes and retracts in and out of the strike box smoothly, if It is not smooth and misaligned, please adjust It until it is perfect.

12. Add the magnetic device to assure the auto-locking when closing the door.
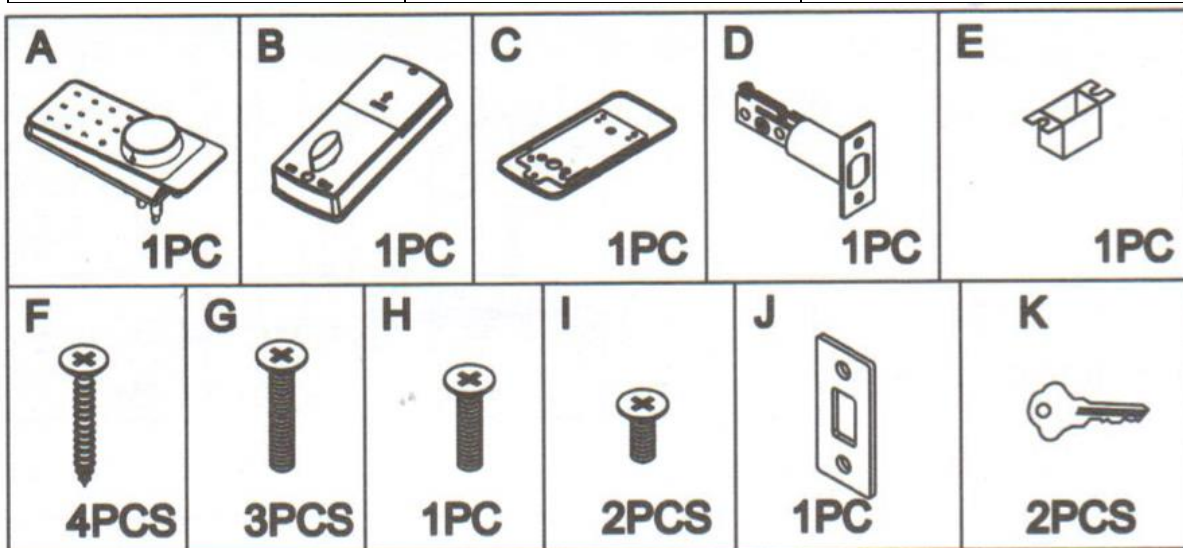
7. Maintenance

1. Contact of the lock surface with corrosive substances might cause damage to the prevention layer of the lock and the product life will be affected.

2. Prefer to install the lock after room decoration. This will avoid damages to the lock surface.

3. Always keep the rotating part lubricated. It will help the lock working smoothly and extend the service life. We suggest inspecting the lock once a year to ensure the screws correct fixation.

4. To avoid any inconvenience caused by high battery consumption, it is suggested to replace new batteries as soon as the low voltage alarm happens.

5. In case the cylinder cannot work smoothly, we suggest to regularly apply a bit of graphite powder (pencil powder) as the lubricant into the cylinder (once a year).

6. If you are leaving for a long trip or the lock will not be used during a long term, please carry he keys along with you, and remove the batteries to ensure the service life of the lock.

Appendix

Packing List		
Number	**Part Name**	**Quantity**
A	Front panel	1 pc
B	Rear panel	1 pc
C	Mounting panel	1 pc
D	Deadbolt	1 pc
E	Strike box	1 pc
FGHI	Screws (pack)	10 pcs
J	Strike plate	1 pc
K	Mechanical keys	2 pcs
	Template	1 pc
	User manual	Download

Installation tools

1.Pencil	2.Tape measure	3.Square
4.Hand drill	5.Alloy bit	6.Hammer
7.Knife	8.Screwdriver	9.Chisel