



www.bezklicu.cz

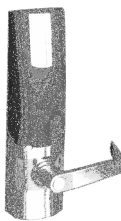
[http:// www.bezklicu.cz](http://www.bezklicu.cz)

## Preface

- Thank you for purchasing the Diamant Fingerprint Lock.
- Please read this manual carefully before attempting to use.
- Do not discard keep it as a reference for later use.
- Manufacturer will not be responsible for any damages caused by improper use.



flair handle



straight handle

Please write down the serial number on the line below, you can find it on the side of the packing box.

SN: \_\_\_\_\_

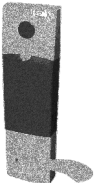

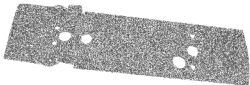
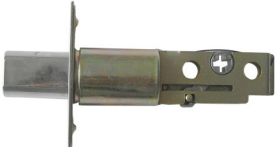
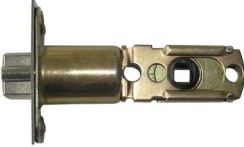


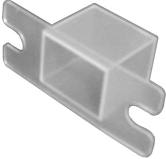





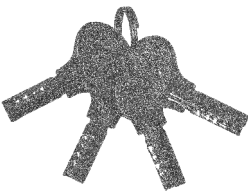



## Table of Contents

1. Parts Included in the package.....	3
2. Main characteristic of Diamant fingerprint Lock.....	4
3. Prior to setup.....	4
3.1 Proper finger positioning.....	4
3.2 Management and users capability.....	4
3.3 Installing batteries.....	5
4. Setups and operation.....	5
4.1 Unit descriptions.....	5
4.2 Saving fingerprints.....	6
4.3 Determining saved fingerprints.....	8
4.4 Set up security levels.....	8
5. Opening the door.....	10
6. Locking the door .....	12
7. Important notes.....	12
8. Trouble shooting .....	13

9. Specifications..... 15

### 1. Parts Included in the package

 <p>Inside unit</p>	 <p>Outside unit</p>	 <p>Inside unit bottom cover board</p>
 <p>Deadbolt</p>	 <p>Latch</p>	 <p>Square axle</p>
 <p>Spring</p>	 <p>Deadbolt strike lining box</p>	 <p>Latch strike lining box</p>

 <p>Deadbolt strike</p>	 <p>Latch strike</p>	 <p>override keys</p>
 <p>Rubber seal</p>	 <p>Wood screws</p>	 <p>Pinch screws</p>

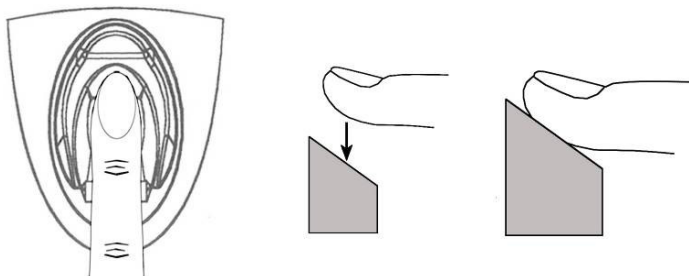
## 2. Main characteristic of Diamant Fingerprint Lock

1. Simple to operation
2. High security
3. Latest technology

## 3. Prior to setup

### 3.1 Proper finger positioning

Place finger on the center of the scanning window, flat with slight pressure and motionless, during the save and match process.



### 3.2 Management and Users capability

Grade/ Authority	ID number	Save users	Delete users	Examine current user's ID number	Open the door	Delete all of users
Administrators	1-5	√	√	√	√	√
Users	6-50			√	√	

### 3.3 Installing batteries



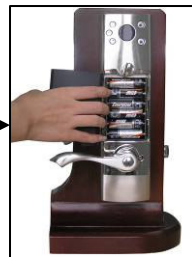
Position the knob vertically as shown in the above figure.



Remove battery cover.



Install 6 (No.5) (AA) batteries observer polarities (+ and -).



Replace battery cover.

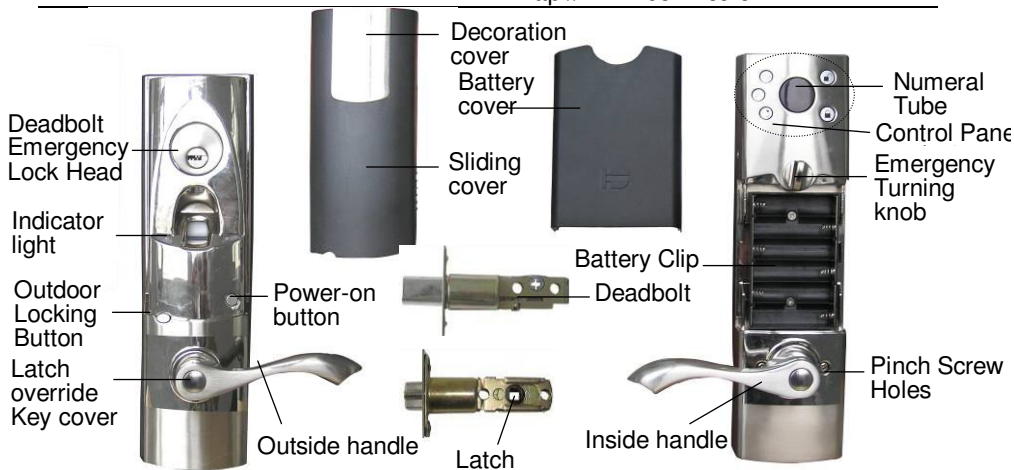
## 4. Setups and operation

### 4.1 Unit descriptions



www.bezklicu.cz

[http:// www.bezklicu.cz](http://www.bezklicu.cz)



## 4.2 Saving fingerprints

### 1. Factory setting

The unit is shipped without any saved fingerprint.

To save:



Push the sliding cover up.



Press power-on button, lockset unlocked.

## 2. Saving administrator's fingerprint



Press power-on button, blue indicator turns on, lock is unlocked.



Press and hold the **STOR** button, the number "01" is displayed along with a sound.



Put a finger on the scanning window. A sound will prompt again, indicating a successful scan. Reposition the finger a little, to scan the fingerprint again. 2 prompt sounds indicate saving is complete.

### Note:

1. The first two saved fingerprints will automatically be administrators.
2. Once the administrator's fingerprint is saved, only the administrator can save or delete other users' fingerprints.
3. Users can only lock and unlock. They can not save or delete other users.
4. It is recommended that one finger from each hand to be saved in case of any injury to one of the saved fingers.
5. During the save process, if 3 prompt sounds are heard, that indicates the scan was not successful. User needs to try again.

### ⚠Caution:

If the administrator's fingerprint cannot unlock the door, the administrator needs to use the "Force Delete" function. To do that, Press

and hold the DEL button simultaneously, and then press the power-on button. A prompt sound will be heard and with that, the system enters the “Force Delete” mode. Two prompt sounds indicate the deletion is successful, and the display will show “UU”.

### 3. Saving users' fingerprints



When administrator's fingerprint is matched successfully, lockset is unlocked.

Press power-on button to power on the system.



Once the administrator's fingerprint matches, lockset will unlock.



Press and scan a successful fingerprint. Upon a successful scan, a sound prompt will be heard. Press the save button. Press the same button again to select a different finger. You will hear 2 prompt sounds indicating successful scan.

#### Note:

By deleting administrators' fingerprints, all of the users' fingerprints will be automatically deleted also.



### 4.3 Determining settings

- Administrator deleting fingerprints





**Note:**

Unlock the door with your fingerprint, press  button. The LED will display the current opener's ID number. Press  button again, the LED display remaining fingerprint spaces available.


#### 4.4 Set up security levels

Press power-on key to power on the system.


There are 5 security levels provided in the system. S0 is the lowest one, S4 is the highest one. The default security level is S3.

Press and hold the **STOR** and **DEL** buttons at the same time. You will be prompted by a sound indicates that all the saved fingerprints are deleted. The LED will display "UU" which means there are no saved fingerprints in the system.



When there is no fingerprint in the system. Or an administrator, once matching his fingerprint can press and hold **STOP**, **DEL** and  button.

LED displays the current security level.

Release the 3 buttons, press  button to select the security level desired, and then press **STOP** button. You will hear 2 prompt sounds indicating the security level is successful.

### **Caution:**

**Setup of the low security level is not recommended, unless security is not of importance. The default setup by the manufacturer is S3. Manufacturer and seller are not responsible for any losses caused by setting an improper security level.**

## **5. Opening the door**

- Opening the door from outside




Press power-on button to turn on the system.

After the user's fingerprint is matched successfully, the blue light will blink.

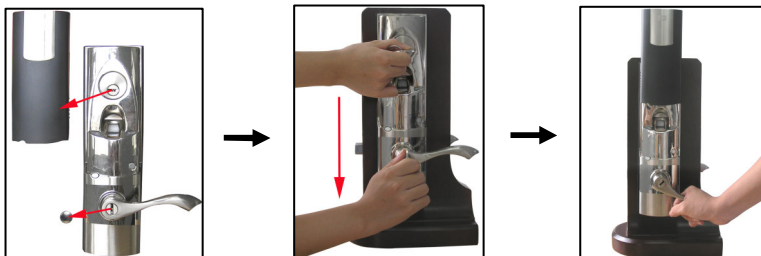
Turn handle to open the door.

- Opening the door from inside

Turn  button from inside, deadbolt draws back. then turn handle to open the door.

- Using override key

Under emergency situation using the overriding key to open the door.





Remove sliding cover and override key cover on the handle.


First, insert top key to unlock deadbolt. Insert same key to the bottom key hole to unlock. Respectively, turn them clockwise to their ends.

Turn handle as shown.

- Setting to “**unlock**” mode



Short press  button twice and press  once, you will hear a prompt sound. The system is power off, deadbolt and latch will be set to “unlock” mode.

To cancel out of this mode, press  or outdoor locking button.

## 6.

## Locking

### the door


#### From outside



Press  locking button.

#### From inside



Turn the knob or press  button.



## 7. Important notes

- Always protect scanning window. keep debris and sharp object away.
- Keep the scanning window clean. Stain or fingerprint traces can be wiped clean.
- 6 prompt sounds indicating battery is low. Time to replace batteries.
- The alkaline batteries are recommended.
- store the override keys in safe place. Duplicating keys are not very easy.

## 8. Trouble shooting

**Problem 1: After installation, indoor locking and unlocking knob can not turn.**

**Cause 1:** When the unit was installed, deadbolt and latch were not in the unlock position.

**Solution:** Reinstall the unit and ensure deadbolt and latch are in the unlocked position.

**Cause 2:** Torque bar was not vertical

**Solution:** Reinstall the unit and ensure the torque bar is vertical.

**Problem 2: After installation, locking and unlocking knob does**



**not turn freely.**

**Cause 1:** Torque bar is too long.

**Solution:** After attaching the outside half, break or cut torque bar even or slight less than the door thickness.

**Cause 2:** Deadbolt was not tighten when the unit was installed.

**Solution:** Tighten deadbolt screws first.

**Problem 3: After installation, locking & unlocking knob turns, but does not engage.**

**Cause 1:** Torque bar was not inserted into the inside unit slot.

**Solution:** Reinstall the unit and ensure torque bar is inserted into the inside unit slot.

**Cause 2:** Torque bar is too short.

**Solution :** Please contact agent or manufacturer.

**Problem 4: When door is shut, press locking & unlocking button, does not extend deadbolt into lining box.**

**Cause 1:** Strike and lining box were not positioned properly.

**Solution:** Adjust the positions of strike and lining box.

**Cause 2:** When installed inside unit was installed, locking & unlocking button were not in the correct position.

**Solution:** Reinstall the inside unit again and ensure locking & unlocking button are in vertical position with the fat end of knob on top.

**Cause 3:** The adjusted Deadbolt was not adjusted properly.

**Solution:** Adjust deadbolt again to ensure deadbolt is in 2 1/8" or 2 1/4" slot.



**Problem 5: The system has no reaction at all, when press power-on key.**

**Cause 1:** Battery is not installed properly.

**Solution:** Install battery again paying attention to polarities.

**Cause 2:** Wire connecting inside unit to outside unit was not connected properly.

**Solution:** Connect the wires properly.

**Cause 3:** Wire has been damaged.

**Solution:** Please contact agent or manufacturer.

**Problem 6: After pressing power-on button, you will hear 6 prompting sounds.**

**Cause:** Battery is low.

**Solution:** Replace batteries.

**Problem 7: After fingerprint matched successfully, deadbolt draw back, turn inside handle to open the door. But turn outside handle , latch can not draw back.**

**Cause 1 :** The spring of inside unit is not installed.

**Solution:** Check it and install it properly.

**Cause 2 :** There is a problem with framework for outside unit.

**Solution:** Please contact agent or manufacture.

## 9. Specifications

Fingerprint management unit	
Fingerprint scanning mode	Optical sensor
Capacity	Two grades management, 50 users, and 100 fingerprints.
Match mode	1 □ N
Scanning time	≤1 second
Recognition time	≤0.2 second
FAR	<0.0001%
FRR	<2%
Translation tolerance	±0.1"
Rotation tolerance	<±15°
Power supply	6 AA alkaline battery
Battery life-span	Over 5000 cycle operations.
Static power consumption	< 5 μ A
Dynamic power consumption	average 170mA
Size (mm)	Outside unit: 10 13/16"×3"×1 23/32"
	Inside unit: 10 13/16"×3"×1 7/16"
Weight	4500g
Working temperature	-20 °C — +55 °C
Humidity	0—100%
The door thickness	35mm-50mm