Orbita Lock Operation Maintain Illuminate

Capability Index

Select SLE4442 card/T5557 Card or other agreed with ISO7816 standard IC card.

Data Save: More than 10 years.

Repeat using times: More than 100000 times.

Data Capacity: 256 bits, the lock only uses 50 bits, leavings can be use as "One Card in Common".

Password Digit: 6 bit hex number.

Work Voltage: Direct Current 3.0V-5.0V±10%.

Lock Setup

After installing doors, you must do a series of system setup, and then you can run the system well.

1   Password Setup

Password is setup by Authorization Card, methods as follows:

Clock in Authorization Card with a short beep, means password is set successfully. Clock in twice, means clean the password .If the lock has been set and you want to re-set, you can clock in used Authorization Card to cancel. Then you can start.

2   Time Setup

Clock Card can set it. Mate with Initialization Card can also finish setup.

Operation as follows:

Clock in the Initialization Card, When green light flashing, clock in a blank Clock Card. When you hear a short beep, means Clock Card set successfully.

Notice: *If you want set several cards in the same time, you must clock in quickly. Or else, the locks' clocks behind setup are different from front cards'. One Clock Card can set 30 locks at best. RF Card Lock can be directly setup by Datum Collection Machine. If you do like that, the Clock Cards will the same.*

3   Parameter Setup

Parameter Set includes Building No., Floor No., Clean area, Room No. and so on. There are to set:

- Building No. Setup

    Clock in Initialization Card first. When the green light flashing, clock in a Building Card. When you hear a short beep, means Building no. set successfully.

- Floor No. Setup

    Clock in Initialization Card first. When the green light flashing, clock in Floor Card. When you hear a short beep, means floor no. set successfully.

- Set Clean Area

    Clock in Initialization Card first. When the green light flashing, clock in House keeper card. When you hear a short beep, means clean area set successfully.

- Set Room No.

    Clock in Initialization Card first. When the green light flashing, clock in Room Card. When you hear a short beep, means room no. set successfully.

Smart Card Usage and Management

1 Authorization Card

Authorization Card is used to setup password, but can't unlock. Please safekeeping the card. In case you lost it, you can re-issue a Authorization Card by reporting the loss and recycle all used cards. Then use the new Authorization Card to re-issue all cards again.

Notice: *When you instead the Authorization Card, you must re-issue all the system cards.*

2 Master Card

Master Card can unlock all cards including in deadbolt working is not limited by time. In general, Master Card is held by manager or superior. It has the function of report of loss. If it is lost, you should re-issue a new Master Card and clock in every lock once. Then the lost Master Card is void.

3 Building Card

Building Card can unlock relevant locks, except in deadbolt working and it is limited by time. Building card has function of report of loss. If it is lost, you can use the function to re-issue new Building cards and clock the Building Card in every relative lock .Then the lost Building Card is void.

4 Floor Card

Building Card can unlock relevant all locks except in deadbolt working. It is limited by the time. Floor card has function of report of loss. If it is lost, you can use the function to re-issue new floor cards and clock the Floor Card in every relative lock, and then the lost Floor Card is void.

5 House keeper card

House keeper card can unlock all locks in some area except in deadbolt working. It is limited by the time and different periods. It has function of report of loss. If it is lost, you can use the function to re-issue new House keeper cards and clock the House keeper card in every relevant lock, and then the lost House keeper card is void.

6 Emergency Card

Emergency Card can unlock all locks and keep the door in opening state, including in deadbolt working. It is not limited by the time. In general, when firing or other urgency things happen, clock it. It has function of report of loss. If it is lost, you can use the function to re-issue new Emergency cards and clock the Emergency Card in every relevant lock, and then the lost Emergency Card is void.

7 Guest Card

Guest Card can only unlock appointed door, except in deadbolt working. It is limited by the time. It has function of report of loss. If it is lost, you can use the function to re-issue a new Guest Card and clock it in the lock. Then the lost Guest Card is void.

8 Initialization Card

Initialization Card is used to set clock and parameter, but can't be used to unlock. It has function of report of loss. If it is lost, you can use the function to re-issue a

new Initialization Card and clock the Initialization Card in every lock. Then the lost Initialization Card is void.

9   Data Card

Data Card is used to collect IC/TM Card Locks of unlocking reports   parameters time. When you want to collect datum, insert the Data Card. When you see green light flashing, means it start to collect. When you hear a short beep, means collection is over. One Data Card only collects reports from one lock.

11   Clock Card

It is used to set the clock of locks.

14   Datum Collection Machine(RF Card Locks specially use)

- First to setup the MBT_500 as Datum Collection Machine. Please put this machine near to lock's indicator 3cm distance. When red light and green light flashing by turns for 15 seconds with a long beep alarm, means collecting datum is over.
- Please setup MBT-500 as a Clock Card firstly, put the Clock Card near to lock's indicator 3cm distance. When you hear a long beep alarm with green light flashing, means you have made the lock's clock to agree with computers exactly.

Lock Maintenance and trouble Eliminate

1   Correct the Clock:

Lock's clock is exact or not, which is affect smart cards' using. So, please check it regularly. If the clock is wrong, please correct it in time. The way is same as clock setup way. During maintenance, if break off the power time is over 10mins, you should re-setup the lock's clock.

2   Change Batteries:

When batteries is used up and alarms with red light flashing, you'd better change batteries in time. It is easy to disassemble the Side Board and pull out batteries .Then load new batteries and dress up the Side Board.

Notice: *You must use alkaline batteries*

3   Mechanical Key in Support:

If the smart card can't unlock (due to lock trouble or use up batteries),you can use Mechanical Key to unlock.

4   Face Maintenance and Face Lifting:

Try to rub the lock face with clean dry cloth. Please not use water or other detergent to clean lock face.

5   Imbrue Lube:

If the mortise isn't flexible, you can imbrue lube on it. Method as follows: teardown the Side Board and use oil gun to spurt oil at the mortise (Note: You can't spurt oil at electricity machine). In the same time, turn the handle and knob until it works well.

6   Trouble and Disposal Ways:

(1)Common troubles and disposal ways

Phenomenon	Reasons	Methods
Clock in the smart card without reaction.	1 Batteries are used up or do not contact well. 2 Card seat is damaged. 3 Main board trouble	Use mechanical key to unlock the door and to change the batteries.
Clock in, but can not unlock.	1 Lock core pin falls off. 2 Lack of electricity	Use mechanical key to unlock the door and to change batteries.
Master Card and Emergency Card can unlock, but other Opening Card can't.	1 You have not setup building no, floor no. and room no.. 2 It is in deadbolt working	1 Setup building No., floor No., and room No. 2 Check the square latch can unlock or not. If it can't, you need to change the mortise.
Can not setup authorization information	1 It is you setup non-system information before. 2 Card seat is damaged. 3 Main board is damaged.	1 Use Screw mechanical Key and clock in Authorization Card. 2 Change a main board 3 Change a main board.
Guest Card can't unlock.	1 Not in valid period. 2 Not setup building no. And room no. 3 Clock in Check Out Card , but not issue a new opening card.	1 Check guest card time is right or not. Use Clock Card to read the clock. If the clock is not exact, setup the clock firstly and re-issue guest card. 2 Setup Building No., Floor No. and Room No. 3 Clock in Check Out Card again.
Master Card can unlock, but Building Card Floor Card House keeper card can't unlock.	1 You have done a wrong setup . 2 The cards clock is illegal. 3 Door clock is not exact.	1 Re-setup information 2 Re-issue cards. 3 Correct the door clock.

(2)   When you closer card or insert Room Card:
1   Yellow light or purple light flashing once, means the card hasn't been issued.
2   Yellow light or purple light flashing twice, means the card is other door's smart card.
3   Yellow light or purple light flashing three times, means the card is not agreed with the lock.
4   Yellow light or purple light flashing four times, means the card is not authorization.
5   Yellow light or purple light flashing five times, means the card is reported the loss.
6   Yellow light or purple light flashing six times, means it is deadbolt working.
7   Yellow light or purple light flashing seven times, means the lock is blocked out.
8   Yellow light or purple light flashing eight times, means the lock is not the hotel card.
9   The lock beeps three times continually with red light flashing three times, means lack of power to need change batteries.
10   Red light flashing once every 5 seconds means it is deadbolt working.