AUTOMATIC

PARKING LOCK



Brief Introduction

Parking lock is designed for parking space management. It is easy to install and operate and low-cost maintenance.

Parking lock is operated by remote controller. Press up button on remote controller to rise arm up. Then the parking space is un-allow to use until press down button to follow arm down.

Technical Parameter

Product	Automatic parking lock
Rated voltage	DC6V
Quiescent current	≤1mA
Operating current	≤1.2A
Arm rising time/falling time	≤4s
Blocker height	390mm
Parking lock body height	75mm
Remote-controlled distance	≤15m
Working temperature	-10℃~+55℃
Size	450*450*80mm
Weight	8KG

Function & Feature

1. Pressure resistance:

Parking lock can withstand 500 kilograms roller compactions in the drop condition.

Solid shell: parking lock shell can withstand 500kgs (Max)

2. Self-locking:

The series of parking lock will lock itself under rise or drop condition. In addition to the host, no one can change the situation.

3. Manual:

When the battery runs low or the parking lock fails to work, we can use the manual tool to control the parking lock. Then we can take out the battery and change it or carries on the repairmen.

4. Protection class: IP 66

5. Motor protection:

During process of arm rising or falling, when arm is stopped by external force, motor will be in the automatic protection of the state to stop it from burnout.

6. Low battery indication:

If the built-in battery is low, buzzer will alarm and Led light will flash.

7. External forces interface alarming.

In the state of parking lock arm up, buzzer alarms as long as parking lock arm is moved by the un-authorized external force. Parking lock arm can reset in3-5 seconds after external force cancelled.

8. Match with the remote and parking lock:

Pull out the battery plug, and then plug in again. When the indicator lights up, press-and-hold the two keys on the remote. The indicator will flicker if it succeeds.

9.Anti-theft:

All expansion bolts are covered by parking lock shell. And parking lock shell is lockable with key-operated switch.

Installation

Position of installation:

In order to not touch the parking lock when car move in and out, it need to be assembled in the middle of the carport.

Location of installation:

It needs to be installed on flat and dry ground.

Method of installation:

A. Pull up the arm of parking lock and open the lock by key. Then you can install it after open the upper cover.

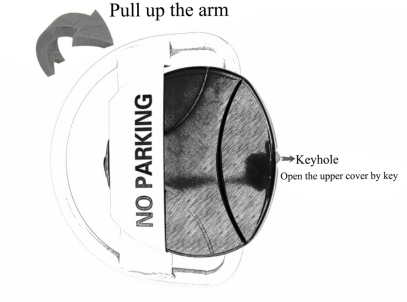
B. Drill 3 holes according to the parking lock. (The hole needs to be 12mm diameter and 50mm depth. Then install the M8 expansion screw.

C. Fit the parking lock over the expansion bolt, then assemble and fix the nut to finish the assembling.

D. Before using, you need to open the outer cover and connect the battery plug.

E. Install the top cover. Match the upper and lower fixed block. (Close the top-cover, then push it, just as the followed photo.), then lock the top cover.

Installation instruction



Battery cautions

1.Driven by 4 D size batteries. Batteries can't be recharged.
2.Do not reverse the battery polarity.
3.Do not heat, disassemble the battery. It may explode or sink.

Maintenance

Regular cleaning the dust and components on the surface of the parking lock, to ensure the parking lock is always dry and clean.

Trouble removal

Press the remote control, but the parking lock cannot work. And there is no indictor about the lack power

A. Check with the remote control, and confirm whether it is under low battery, and the light does not light.

B. Press the remote and see whether there has response with the parking lock. If no, please check the wire connector and battery. Pull out the battery, and then plug in against see whether there have audio cues. If there is no problem with the wire connector, battery and remote control, you can try to match with the remote and parking lock.

C. If there have a response when you press the remote, but the parking lock cannot work. You should check whether there has abnormal sound with the motor drive, and whether the appearance has been deformed.

Packing list

Serial number	Name	Number
1	parking locks	1 PCS
2	remote control	2 PCS
3	steel expansion bolt	3 PCS
4	lock cover key	2 PCS
5	battery pack	1 PCS
6	instructions	1 PCS
7	quality commitment	1 PCS

Structure & Feature

1. computer board 2. light controlled 3. anti-collision structure 4. motor box 5 motor 6. battery box 7. bottom plate 8. rocker arm

