

AUTOMATIC PARKING LOCK



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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 in 3-5 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.

Sensor product introduction

When the parking lock is installed for the parking lock in locking state, inserted into the parking lock sensor in automobile cigar lighter, when the car is energized when the inductor is energized, the inductor is connected to the parking lock and induction, automatic parking lock down. When the vehicle uses a certain distance (10-30 meters), the parking spaces lock automatically rises, when the vehicle close to the parking space lock (0-10 meters), the parking space lock is induced



to realize automatic decline. Note: when the inductor is in operation, the remote control is out of control. Parking lock sensor features: 1. no longer need to press the remote control to make the parking lock induction rise and fall 2., the sensor is installed with two USB interface, can achieve rapid charge, 3. no vehicle restrictions, the car has cigarette lighter can be installed.

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.

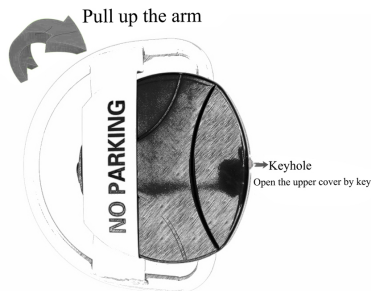
B. Drill 3 holes according to the parking lock. (The hole needs to be 12mm diameter and 50mm depth. Then install the M8 expansion screw.

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 indicator 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.

If you have any problem that you cannot resolve it, you can contact with our company.

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
8	sensor	1PCS

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

