

Parking Remote control Lock Specification

Model: TD-CL-02



The intelligent parking remote control lock is a device that integrates photoelectric sensing positioning, built-in anti-collision structure, and circular shape. It has the characteristics of beautiful shape, novel structure, convenient control, powerful functions, safety and reliability. This parking lock can effectively prevent the misuse or occupation of parking lots, and is a good helper for parking lot management in high-end residential areas, shopping centers, hotels, office buildings, airports, etc.

Material:

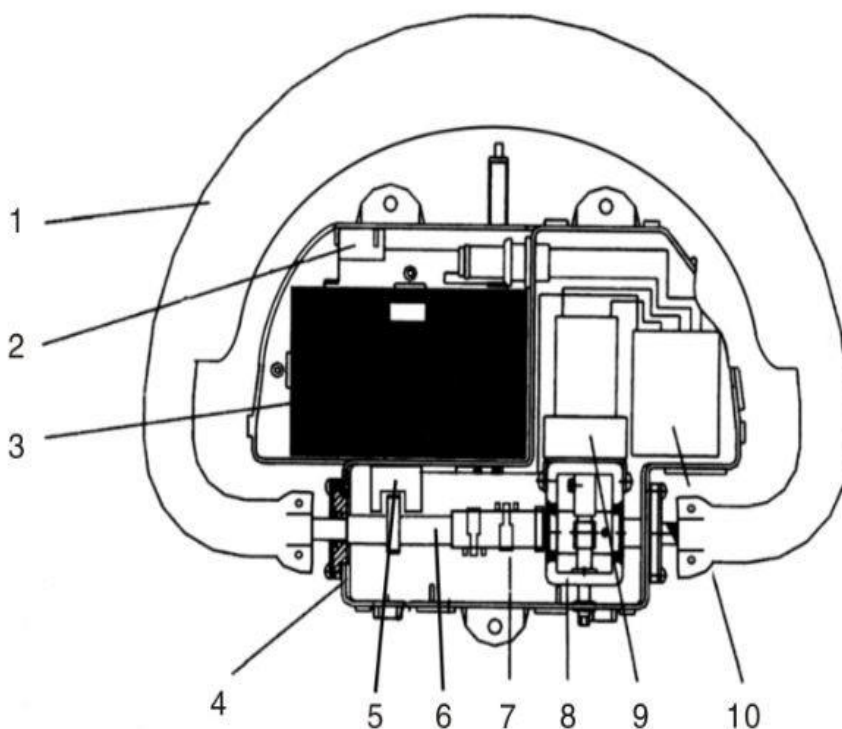
Lock base: Cold rolled steel plate
180 degree anti-collision alarm

Features

- ◆ Intelligence: Anti-collision, 20 Meters remote control distance. It will be moved down and alarmed immediately when somebody touch the arm.
- ◆ Easy Maintenance: Accumulator Cell and Dry Cell for more options. Accumulator cell should be charged every 3 months within 2 years' maintenance. Dry cell can be used over 1 year without charging.
- ◆ Solid Structure: The waterproof rating is IP67, and the rounded corner design and sturdy thick steel ensure that it will not deform even if it is run over by a car, the parking lock can endure a pressure of 500kg without damage under declining condition.
- ◆ Block the power supply: During the lifting and lowering process of the parking lock, if it cannot withstand the external force, the power will be automatically cut off to protect the motor from damage.
- ◆ Power shortage indication: When the power in the parking lock is insufficient and the parking lock cannot be started, the light-emitting tube on the parking lock will flash three times or the buzzer will sound a short alarm to remind user to charge in time.

- ◆ **Reset after external force alarm:** When the parking lock is in the lifting state, if it is forced to descend, the front and rear angles of the rocker will change under the action of external force, and the parking lock will alarm to remind the external force to stop or remind the management staff to deal with the situation. The rocker will automatically reset after 3-5 seconds. Note: Try to avoid long time alarm, otherwise it will easily consume the battery or damage the alarm horn.
- ◆ **Anti-theft:** The parking lock and the ground part are both inside a large outer cover, and only the user can open the outer cover with a key, thus achieving the purpose of anti-theft protection.
- ◆ **The remote control can control multiple parking locks:** Unplug the battery connector and plug it back in. The indicator light will be on. Immediately press(within 3 seconds) and hold the two buttons on the remote control for 2 seconds ,the indicator light will flash, indicating that the remote control has been successfully matched, the remote control can control the parking lock. Use this method to match another parking lock, and you can use one remote control to control multiple parking locks at the same time.

STRUCTURE SCHEMATIC DIAGRAM




1. Rocker Assembly, 2. Alarm, 3. Battery, 4. Box Body Assembly

5. Photoelectric Sensor, 6. Drive Shaft, 7. Anti-collision Device

8. Gearbox, 9. Electrical Motor, 10. Control Board

Remarks: Clean the dust and garbage on the surface of the machine frequently, and try to keep the parking lock clean and dry.

Parameters

Pictures for reference only			
Accessories	Remote control*2, Key*2, Accumulator cell*1, Expansion screw*3 Manual*1		
Open method:	remote control opening/ Manual power off	Motor Model:	KR-540 DC reduction motor
Material:	Cold rolled steel plate	Dimension:	500*560*320 (mm)
Base thickness:	2/3 (Connection) mm	Shell thickness:	2.0mm
Steel pipe wall thickness:	1.1mm	Gross Weight:	8KGS
Net Weight:	7.55KGS	Package Size:	570*560*90 (mm)
Output Power:	10W	Rise or fall running time:	≤5s
Voltage:	4V	Lifting height:	500mm
Quiescent voltage:	≤0.8mA	Descending height:	80mm
Working current:	≤0.85A	Control distance:	≥15m
Warranty:	The whole machine is guaranteed for 2 years (except for man-made damage)		
Advantages:	1. Compression resistance: The product can withstand a 3-5 ton car runover without damage when in a descending state. 2. Waterproof: IP67, it can withstand short-term immersion at normal temperature and pressure.		