

# Parking Remote control Lock Specification

**Model: TD-CL-04**



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

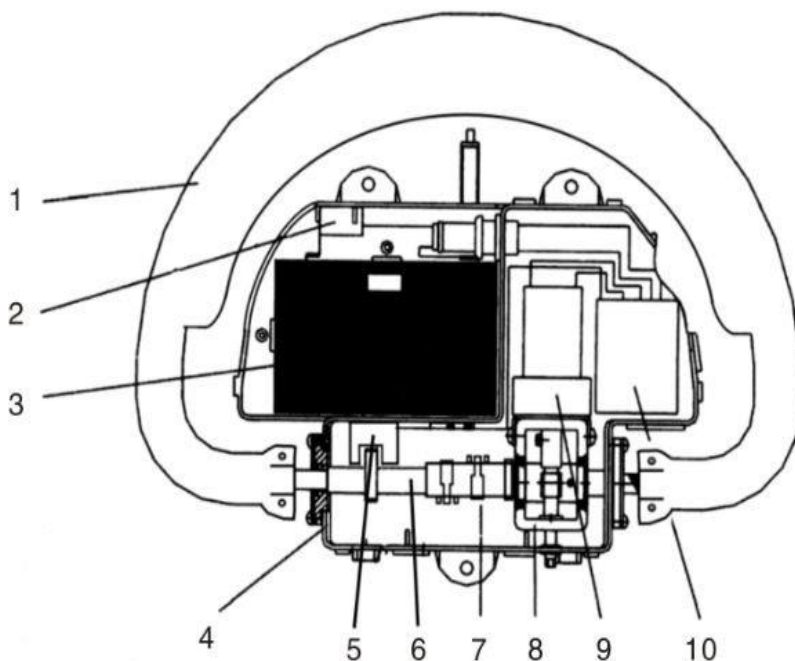
## **Features**

- ◆ 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 seonds) 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

<b>Pictures for reference only</b>			
<b>Accessories</b>	Remote control*2   Key*2   Solar Cell*1   Expansion screw*3   Manual*1		
<b>Open method:</b>	remote control opening/ Manual power off	<b>Motor Model :</b>	KR-540 DC reduction motor
<b>Material:</b>	Cold rolled steel plate	<b>Dimension:</b>	400*460*75 (mm) or 550*460*90 (mm)
<b>Base thickness:</b>	2/3 (Connection) mm	<b>Shell thickness:</b>	2.0mm
<b>Steel pipe wall thickness:</b>	1.1mm	<b>Gross Weight:</b>	8KGS
<b>Net Weight:</b>	7KGS	<b>Package Size:</b>	480*480*90 (mm)
<b>Output Power:</b>	10W	<b>Rise or fall running time:</b>	≤5s
<b>Voltage:</b>	4V	<b>Lifting height:</b>	400mm
<b>Quiescent voltage:</b>	≤0.8mA	<b>Descending height:</b>	80mm
<b>Working current:</b>	≤0.85A	<b>Control distance:</b>	≥15m
<b>Warranty:</b>	The whole machine is guaranteed for 2 years (except for man-made damage)		
<b>Advantages:</b>	<b>1. Compression resistance:</b> The product can withstand a 3-5 ton car runover without damage when in a descending state. <b>2. Waterproof:</b> IP67, it can withstand short-term immersion at normal temperature and pressure.		

## Special Explanation:

1. Solar cover customized, with solar circuit board inside.
2. The internal aluminum base is more expensive than an ordinary steel base. It is fully enclosed and waterproof, and is more corrosion-resistant and less likely to rust than ordinary steel plates.
3. Accumulator cell (upgradeable lithium battery) and solar dual-mode power supply.