

# AUTOMATIC PARKING LOCK BW-5

## USER MANUAL



### 1. Brief introduction

This model automatic parking lock can be used in all kinds of parking spaces. It reserves your own parking space for you while your car is away. The automatic parking lock is powered by 12 volt battery and takes only 8 hours (overnight) to recharge.

### 2. Technical specifications

Item	Specification
Size(barrier up)	480L*300W*540H mm
Size(barrier down)	480L*580w*90Hmm
Barrier up height	540mm
Barrier down height	90mm
Distance of remote control	≤30m
Maximum operating current	7A
Static state current	0.85mA
Up or down time	5-6s
Working power	DC12V 7AH
Environment temperature	-40~+70 °c
Net weight	10.5 kg
Gross weight	11 kg

### **3. Pack List**

1 x unit parking lock  
1x Charger(110V~240V)  
2x Remote Controls  
3x Tamper-proof bolts 50mm  
2x Keys for control box  
1x Installation and Operation Manual

### **4. Installation**

#### **4.1 Tools needed**

Tape measure Pencil or marker  
Impact drill or similar  
12mm masonry drill bit  
Tube of liquid nails or silicon adhesive  
Large screwdriver

#### **4.2 Installation steps**

Step1: Clean the car-park space where the Car-park Lock is to be installed Make sure dust, oil and grease are removed from the surface area. Warm water with dish-washing liquid is recommended for the purpose of cleaning and all the installation work should not start until the space dries. Make sure all the dusts,oil grease and dirt are removed.

Step 2: To fix the Parking Lock to the surface, place the unit on the ground with the sign facing the entry point. Centre it from left to right and approx. 0mm-100mm from the front entry point of your parking space(see diagram).

Step3: Mark the ground with a pencil using the 3 holes in the Parking Lock base to locate the exact position of the 3 holes to be drilled into the surface. Drill holes using an impact drill or similar Holes(3 in total) are recommended to be 50mm(min) deep for the tamper-proof bolts(supplied)to fit in.

Step 4: Fix the lock with the ground by applying liquid nails or silicon on the base of the lock. Make an"S" pattern when applying the adhesive for good strength. Position Parking Lock over the holes and insert tamper-proof bolts. Screw bolts with the large screwdriver until unit is secure. It is very important to tighten the screws, connect the battery and the remote to the matching black locating sockets,

Step 5: Close the lid of the battery box and lock it. You are now ready to operate your Parking Lock with the remote control.

### **5. Operation**

(a) On the remote control, press the up button to make the Parking Lock rise.

Press the down button to make it fall.

(b)When the battery is low on charge, an audible alarm will sound on the unit or it will not

operate. Open the control box with the key and unplug the plug from the socket by pushing the release. After removing the flat battery, connect it to the re-charger(included) This must be plugged into 110~240V power. After 8 hours the battery will be fully re-charged and ready for operation.

(c) When the battery is fully charged, the expected use is 300 operations or approx. 3 months assuming 2 rises and 2 falls per day.

(d) In case of an emergency and the battery has run down, the protector is standing up and will not operate, please recharge the battery.

## **6. Troubleshooting**

(a) If the Parking Lock does not operate:

1. Check that the battery is charged-remove and charge for 8 hours.
2. Check that the battery of the remote controls, if it is weak when you push it-unscrew the back of the remote and replace the battery.
3. Make sure there are no loose connections in the control box- secure the connection of the plugs and sockets
4. When you get in your car, always make sure the Parking Barrier is down flat on the ground. This will avoid any damage to your car and the Parking Lock-press the remote to make the barrier lay flat.

(b) The Parking lock base has become unstable and moves when operating: Re-tighten the tamper-proof bolts with large screwdriver or remove and replace bolts.

## **7. Safety**

1. Only operate your remote control when the Parking Lock is in your full view.
2. Do not press the remote control while you are over the Parking Lock in your car.
3. Always check that your Parking Lock has not risen under your car before you drive away from your parking space. This may occur if you press the remote by mistake while it is in your pocket or handbag.
4. The Parking Lock will stop when pressure is applied while in up or down motion. The remote must then be pressed to continue or to change direction of the motion until the pressure is released. Avoid driving onto the unit with your car wheels. Do not let children play with the remote control.