

# **OPERATING MANUAL**

## **CAR PARKING SENSOR WITH WIRELESS DISPLAY UNIT**

### **MODEL : YPS-300M**

The Ultrasonic Car Parking Safety Device has been engineered with the highest technology and equipped with the most advanced wireless features.

The system helps the driver to be in better control when reversing.

When the car approaches too close to an object in the detection zone, an alarm sounds, increasing the intensity in proportional to distance from the object, simultaneously displaying the direction of right or left side and distance. This allows the driver to have better control when parking in tight spaces and greatly improving safety and judgments.

#### **• OPERATING METHODS**

When in reverse, the system sounds a beep and senses the first detection zone (within 1.6m(5.0ft) distance), second zone at 1.0m(3.0ft) and the third zone at 0.6m(2.0ft) the alarm sounds progressively.

From 0.4m(1.0ft) the alarm sounds continually indicating the driver to stop. For the driver with hearing problems the displays shows 0.0m(0.0ft) the actual distance is 0.1m(0.5ft). This system also indicates the closest side to an object left or right.

#### **• FEATURES**

- Compact and unique display unit
- Built-in buzzers both display and main body
- 4 stage audio and visual LCD display from 1.6 meters to 0.4 meters
- 2 ultrasonic sensors installed on or under the rear bumper
- Display's distance, direction and sound.
- Aids reversing in all weathers.
- Easy Installation on any vehicle.
- Especially design with wireless LCD display).
- No scratches.

#### **• SPECIFICATIONS**

Detection : Ultrasonic sensor

Input power : 9VOLTS TO 16VOLTS DC

Operating temperature : -20°C ~ 60°C

Length of wiring : 2 Meters(Sensor), 4 Meters( Main module& monitor power wire )

DETECTION RANGE DISPLAY : 0.4METERS TO 1.6 METERS

Current consumption : 30mA( Main module ), 85mA( Monitor )

Dimension : 70(W) X 93(L) X 33(H) Main control module

66(w) X 62(L) X 40(H) Wireless monitor

Weight (with blister packing) : 357g

## ◆OPERATING DISTANCE DISPLAY

STE P	DISTANCE(CM )	BEEP SOUND	MONITOR DISPLAY	REMARK( MODE )
1	OVER 200 CM	N/A	“ • “ FLASHING	REVERSING MODE
2	160-200 CM	N/A	“ 2.0 ” – “ 1.6 ” DISPLAY	DETECTING THE OBJECT
3	100-160 CM	SLOWLY BEEPING	“ 1.6 ” – “ 1.0 ” DISPLAY	1 <sup>ST</sup> ALARM (1 <sup>ST</sup> NOTICE MODE)
4	60-100 CM	NORMALLY BEEPING	“ 0.6 ” – “ 1.0 ” DISPLAY	2 <sup>ND</sup> ALARM (2 <sup>ND</sup> NOTICE MODE)
5	40 – 60 CM	QUICKLY BEEPING	“ 0.4 ” – “ 0.6 ” DISPLAY	3 <sup>RD</sup> ALARM ( WARNING MODE)
6	WITHIN 40 CM	CONTINUOUS BEEPING	“ 0.4 ” & “ 0 ” DISPLAY SEQUENTLY	STOPPING THE CAR DRIVING

## ◆PROGRAMMING MODE

### A. BEEP SOUNDING ON/OFF IN THE MONITOR

The beep sounding will be OFF with one beep sounding if you press the switch for 2 seconds in the back of the monitor by using a small screw driver and the beeping sound will be ON with one beep sounding if you repeat above process.

### B. REMOTE CODE PROGRAMMING IN THE MONITOR

Turn on the power( plug-in the connector) in the condition of pressing the switch in the monitor.

You will hear one beep sounding in the monitor and then turn on the power( plug-in the connector) in the main control module. You will hear one beep sounding to confirm code programming.

### C. HOW TO SWITCH FROM METERS TO FEET

Follow instructions in step one, depressing the switch for 6 seconds and the display will toggle between meters and feet display.

#### NOTE

1. The YPS-300M is operated only when reversing the car.
2. Please keep cleaning the ultrasonic sensor for correct operation.
3. The system cannot be often operated in the small object such as wire, rope, sponge or textile etc.

**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

**Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**