

Parking Sensor



On driving or reversing the car, the anti-collision radar will start to detect obstacles within 3.0m ahead of or behind the car and indicate the distance between the car and obstacles with LCD display and sound.

1 - Features

- When driving ahead or reversing the car, the radar detects automatically obstacles within 3.0m
- Color LCD display, indicating distance in numbers, three colors and seven lights as well as obstacles on the left and right on the screen
- Uniquely designed alarm on obstacles in front of the car; when distance increases or maintains, the buzzer will keep silent; with mute setting
- Built-in installation as original configuration
- Compatibility design, suitable to both imported and homemade cars
- Super misinformation-proof technology, accurate and reliable
- Operating Voltage: 10 ~ 15V (24V selectable)
- Operating Temperature: -20°C ~ +70°C



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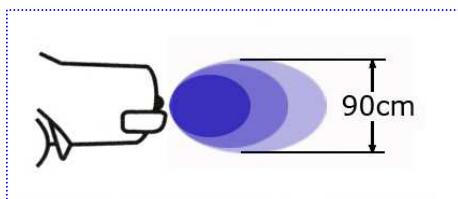
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- Max. Power Consumption: 4W
- Detecting Distance: 3.0m ~ 0.3m
- Distance in Alarming: 1.5m ~ 0.1m
- Alarming Volume: ≥ 73 dB

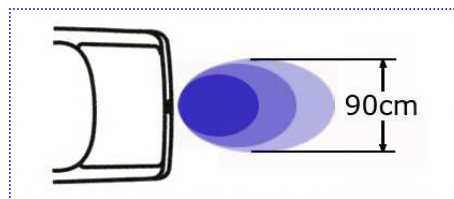
2 - Detection Range

Detection Range of Single Sensor

HORIZONTAL DIRECTION

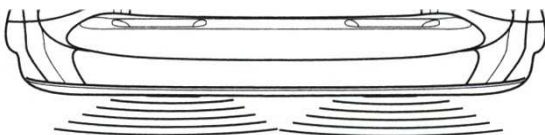


VERTICAL DIRECTION



3 - Display

NUMERIC READOUT & AUDIBLE ALERT

	
0.4m ~ 0.1m	Alarm sound: when the distance shortens during driving ahead Be.. Be.. Be.. three sounds should be heard. Be..... continuous sounds appear when reversing the car.
0.8m ~ 0.4m	Alarm sound: when the distance shortens during driving ahead. Be.. Be.. Be.. three sounds should be heard. Beshort interval sounds appear when backing the car.
1.5 ~ 0.8m	Alarm sound: when the distance shortens during driving ahead. Be.. Be.. double sounds should be heard. Be.. Be..long interval sounds appear when backing the car.
3.0m ~ 1.5m	Alarm sound: when the distance shortens during ahead. Be.. single sounds should be heard. There is no sound when backing the car.



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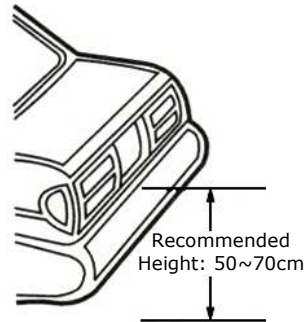
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4 - Installation

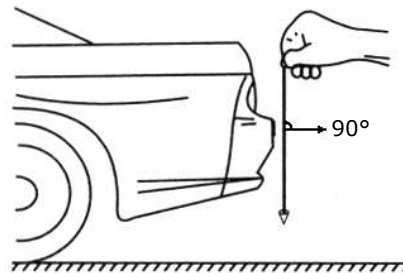
1. Installation of Sensors

Sensors are installed at the back of the car. The ideal distance from the ground to the sensors is 0.5m ~ 0.7m.

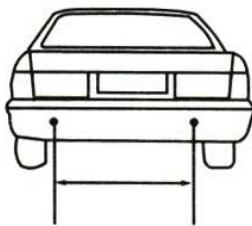
HEIGHT OF INSTALLATION



KEEP SENSOR SURFACE VERTICAL

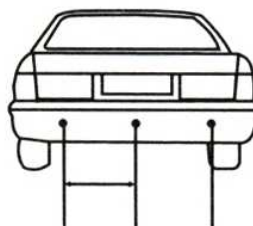


Installing two sensors



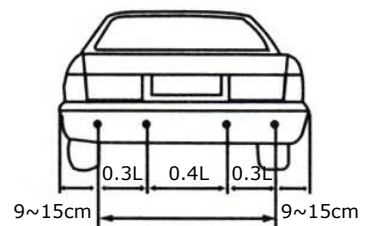
60 ~ 80cm

Installing three sensors



40 ~ 50cm

Installing four sensors



60 ~ 80cm

Recommended distance between neighbouring sensors

2. Installation of control box, buzzer and display

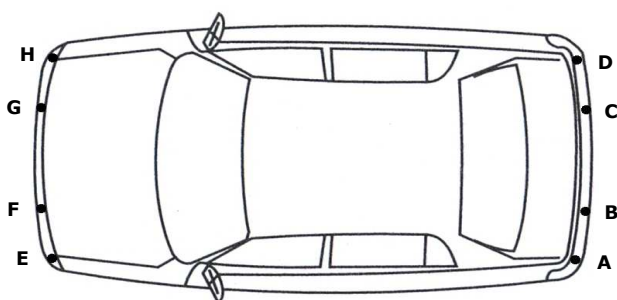
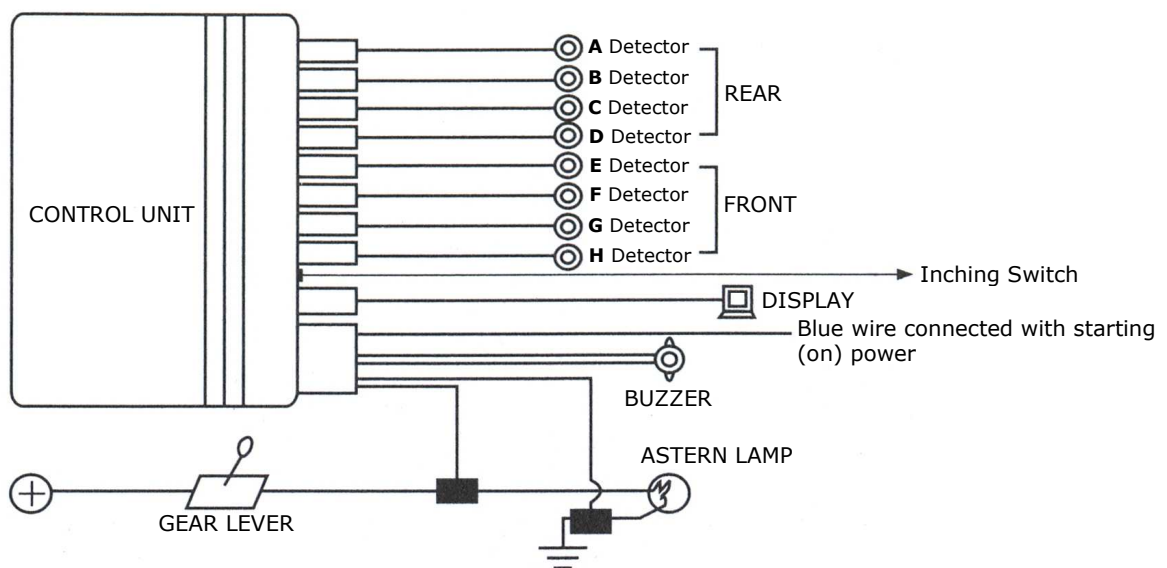
1. Position the control box in the trunk of the car close to reverse light with double-sided tape, away from areas of temperature, moisture and water leakage.
2. Fix the buzzer onto the place with easy hearing for the driver with double-sided tape (Some displays have built-in buzzer already).
3. Fix the display onto the place with easy viewing for the driver with double-sided tape.
4. Switch on the display: turn off the buzzer, turn on the buzzer.



3. Wiring of Power Wires

1. The black wire of the control box is connected with the negative (-) pole of the astern lamp.
2. The red wire of the of the mainframe is connected to he positive (+) pole of the astern lamp.
3. The blue wire of mainframe is connected to the positive (+) pole of the starting (on) power.
4. Inching switch on the main unit: turn the inching switch to adjust the sensitivity of the sensors.

4. Wiring Diagram



5 - Attention

- Avoid flattening, perforating, cutting and extending the wires of detectors during installation.
- Lower speed should be kept in driving or reversing to avoid colliding with obstacles due to inertia.



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