

Parking Sensor



When driving or backing the car, the anti-collision radar will start to detect obstacles within 2.5m behind the car and indicate the distance between the car and obstacles with digital display and sound.

1 - Features

With indicating light on left and right, indicate the direction of the obstacles.

Digital Display Range: 2.50m ~ 0.35m

Alarming Distance: 1.50m ~ 0.10m

Operating Temperature: -30°C ~ +70°C

Max. Power Consumption: 4W

Operating Voltage: DC 12V

Alarming Volume: ≥73dB (for external buzzer)

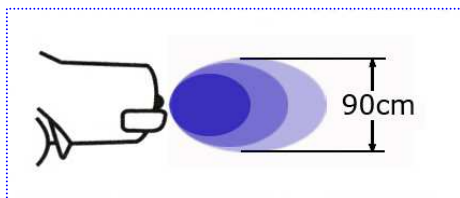
≥65dB (for internal buzzer)



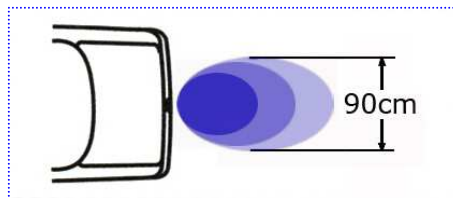
2 - Detection Range

Detection Range of Single Sensor

HORIZONTAL DIRECTION

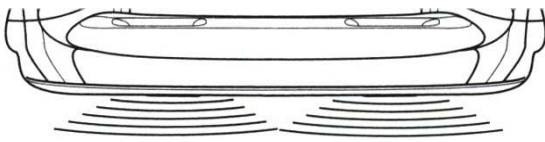


VERTICAL DIRECTION



3 - Display

NUMERIC READOUT & AUDIBLE ALERT

	
0.4m ~ 0.1m	As dangerous range, digital distance display. Be...continuous sounds.
0.8m ~ 0.4m	As proper range, digital distance display. Be...Be...Be... Short interval sound; closer in distance, shorter in sound.
1.5 ~ 0.8m	As safe range, digital distance display. Normal backing. Be...Be...Be... long interval sound.
2.5m ~ 1.5m	As save range, digital distance display. No alarming sound.

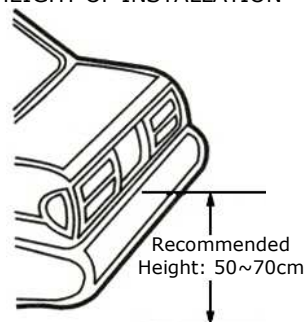


4 - Installation

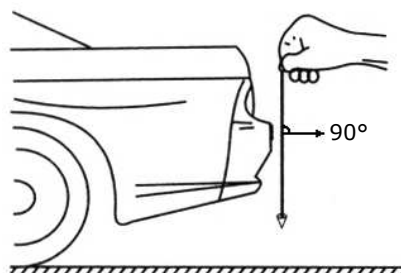
1. Installation of Sensors

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

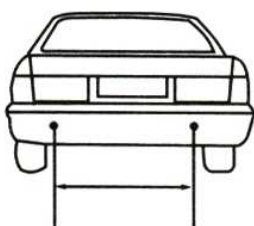
HEIGHT OF INSTALLATION



KEEP SENSOR SURFACE VERTICAL

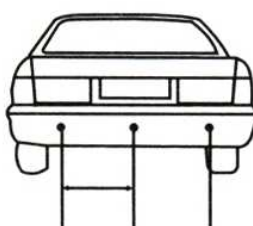


Installing two sensors



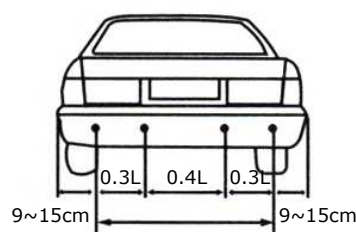
60 ~ 80cm

Installing three sensors



40 ~ 50cm

Installing four sensors



60 ~ 80cm

Recommended distance between neighbouring sensors

2. Installation of control box, buzzer and display

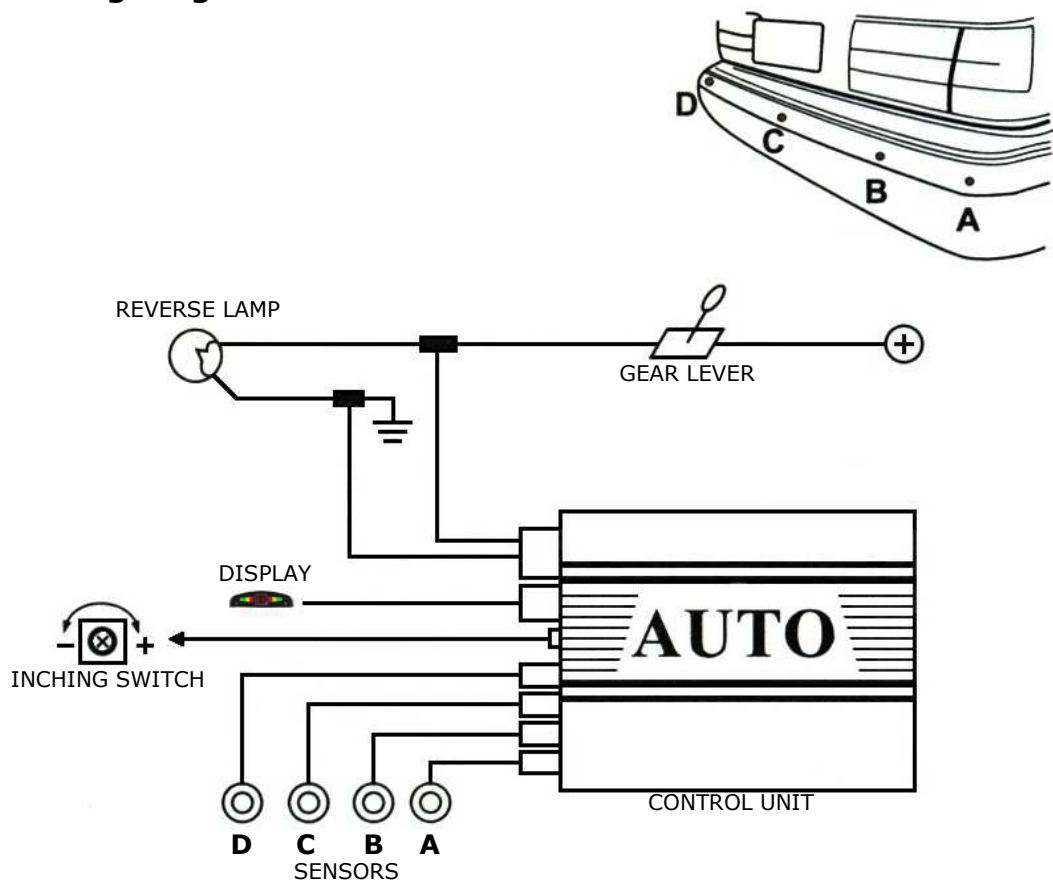
1. Position the control box in the trunk of the car close to reverse light with double-sided tape, away from areas of temperature, moisture and water leakage.
2. Fix the buzzer onto the place with easy hearing for the driver with double-sided tape (Some displays have built-in buzzer already).
3. Fix 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 (-) wire of the reverse lamp or to the ground ...
2. The red wire of the control box is connected with the positive (+) wire of the reverse lamp.
3. Inching switch on the main unit: turn the inching switch to adjust the sensitivity of the sensors.

4. Wiring Diagram



5 - Attention



- Installation by professional personel is recommended.
- Make sure all sensors are well connected before power on the system. Connecting sensor to powered control box may lead to false alarm.
- Keep speeds at less than 6km/h to avoid collision when reversing.



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