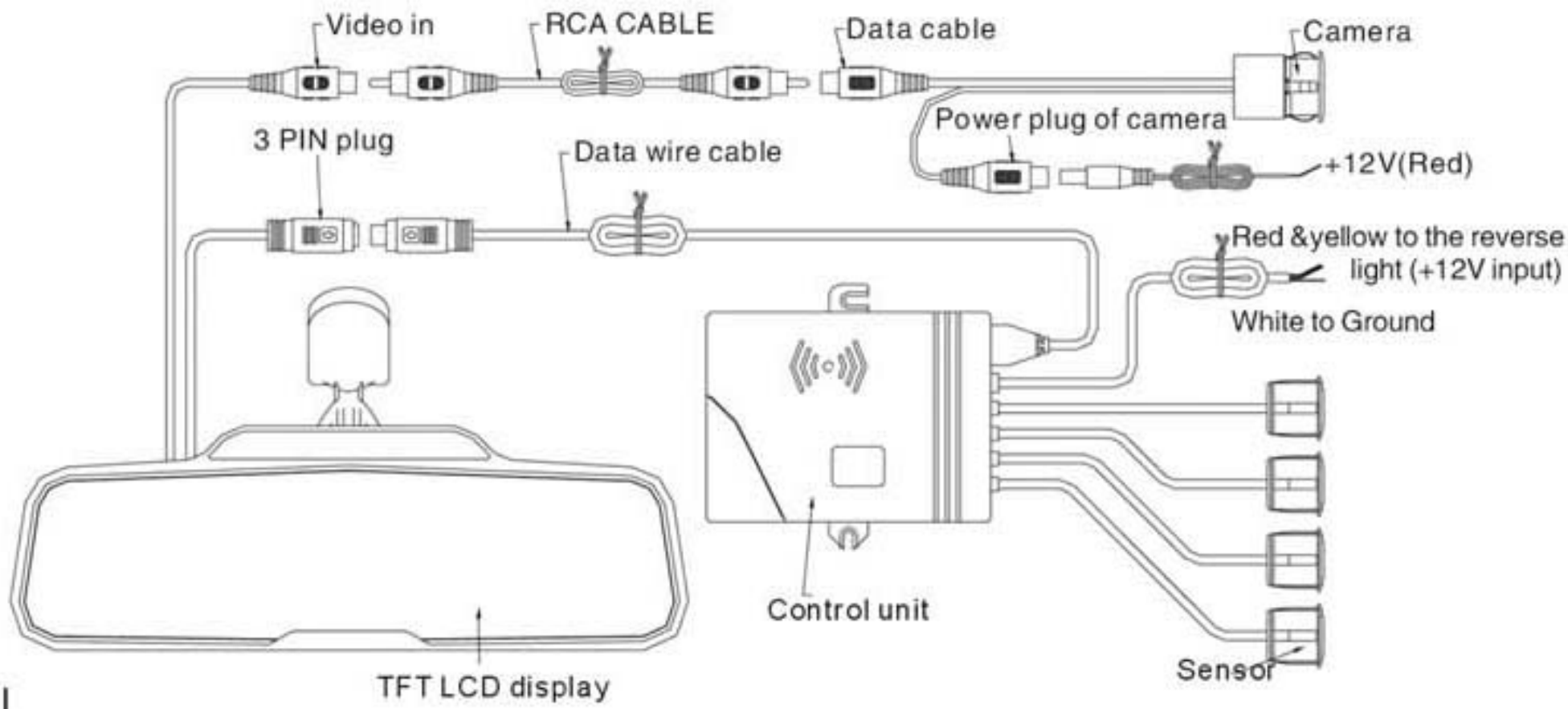
PLPSMR9 Parking sensor system

PLPSMR9 consists of ultrasonic sensors,camera, TFT monitor integrated into rear mirror, control box. This system detects the distance between the car and the back obstruction with the ultrasonic sensors installed at the rear bumper of the car, the TFT monitor will display the distance in number and show the back view as well.

Main features >>>>>>

- Real mirror with 3.5 inch TFT LCD display
- Colorful TFT monitor to show back view
- Numeric distance display and direction indicator in three colors
- System sound "DANG DANG"
- 2or 4 Sensor optional select
- Stick-on or insert-in type sensors for optional select
- Rear mirror size:268x90x45mm

Connection diagram

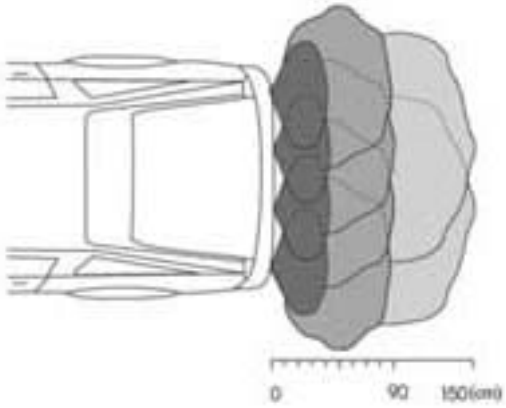


Specifications

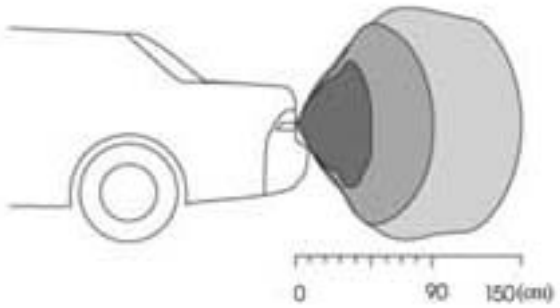
- Rated voltage:12V
- Operation voltage range:10.5V~16VDC
- rated current:200mA~600mA
- Detection distance:0.2~1.5m
- Ultrasonic frequency:40KHz
- Working temperature of control box:-30℃~+80℃
- Working temperature of display:0~+60℃

Detecting Range

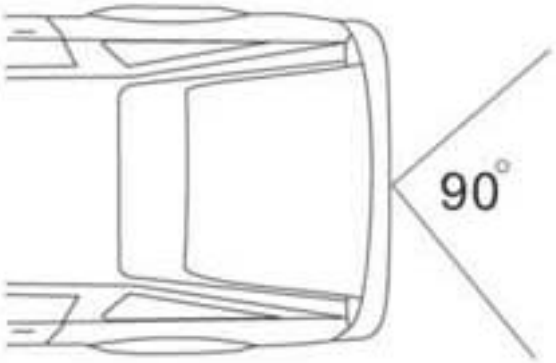
Top View



Side View



View angle of Camera



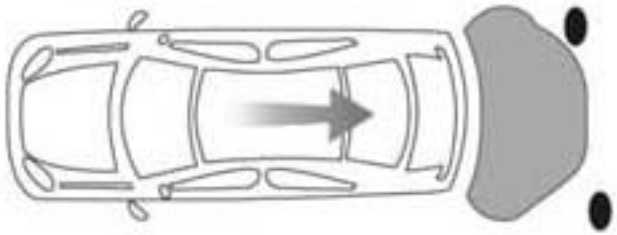
Camera90°

Alarm mode

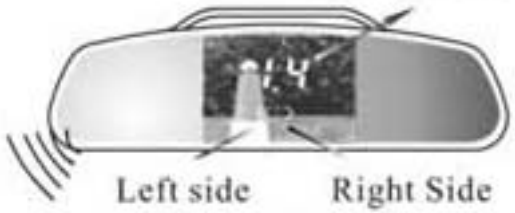
Stages	Distance	Awareness	Alarm sound	Number	Color	Bars
1	150cm above	Safe Area	Silence	No Number	No color	No bars
2	100~150cm	Safe Area	Dang.....Dang.....	10~1.5	Green	1 to 5
3	100~90cm	Alert Area	Dang...Dang...	0.5~0.9	Yellow	6 to 9
4	0~40cm	Dangerous Area	DangDangDang	0.0~0.4	Red	10

Display status

Safe Area 100-150cm

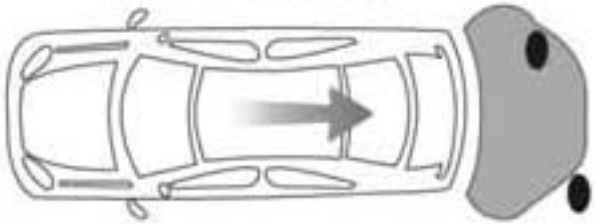


Green Number

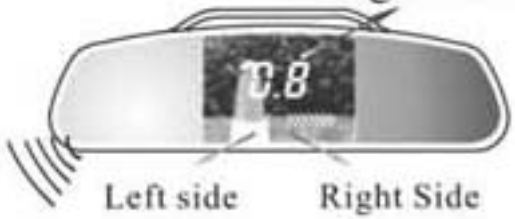


Dang.....Dang.....

Alert Area 50-90cm

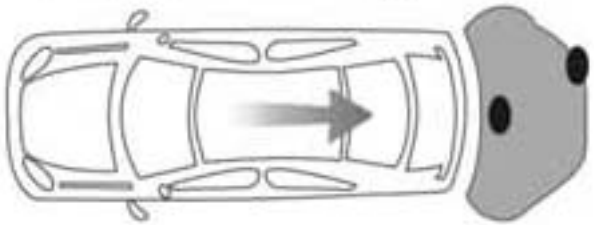


Orange Number

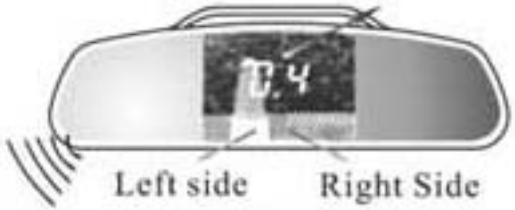


Dang...Dang...

Dangerous Area 0-40cm

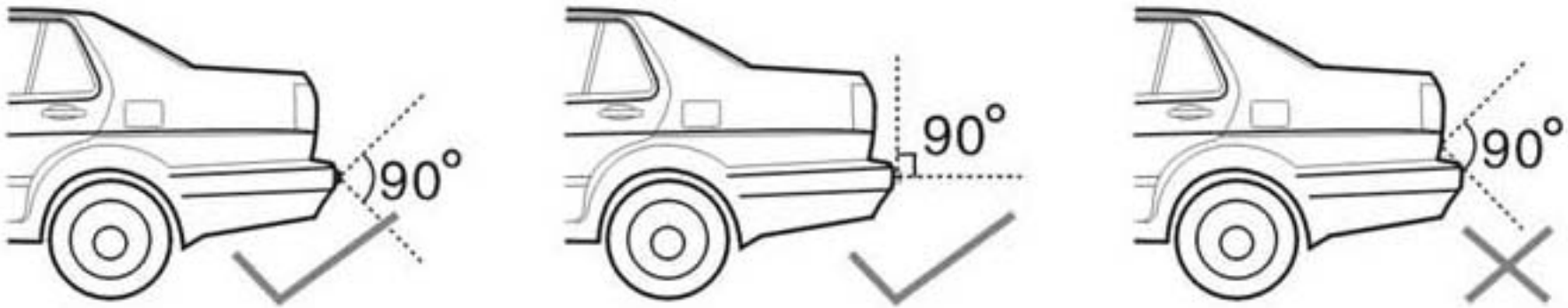


Red Number



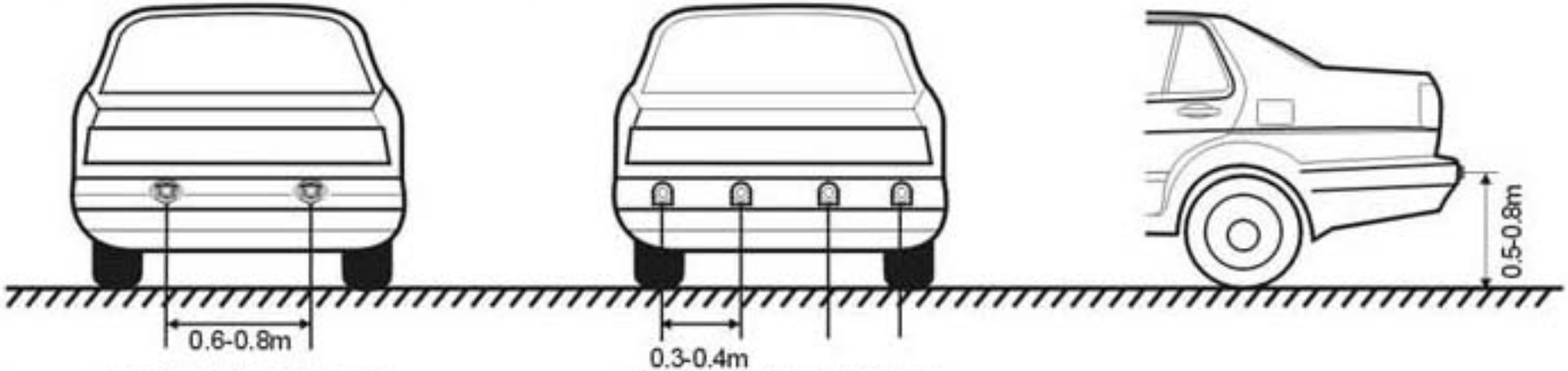
DangDangDang

Display status



Be sure no other parts of the vehicle falls into the detecting range of the sensors so as to give a wrong detection

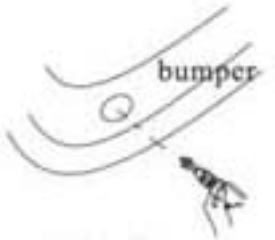
Advised position to install the sensors

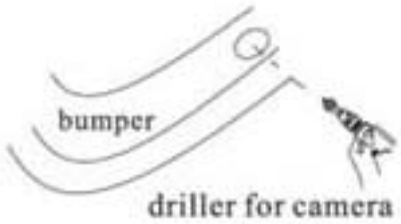


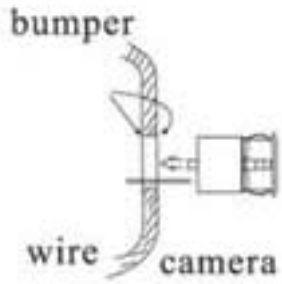
Install 2 sensors

Install 4 sensors

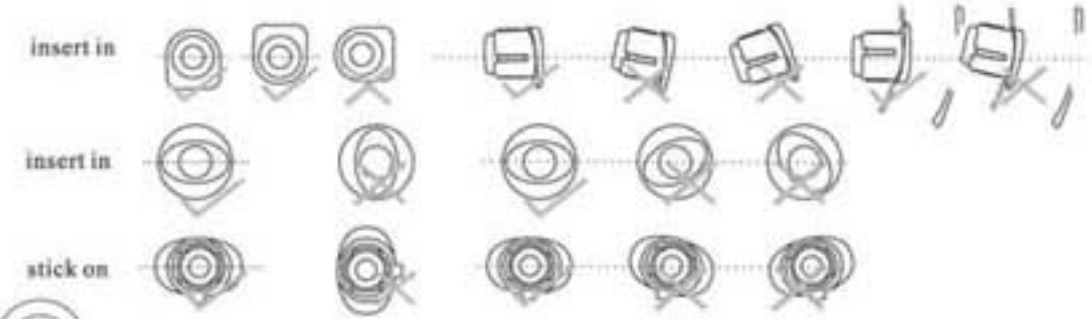
Install the insert-in sensor







The direction of sensors

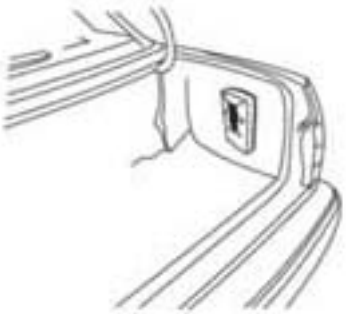


For round sensors, no need to adjust the direction.

Stick-on and insert-in sensors in various shapes for optional select

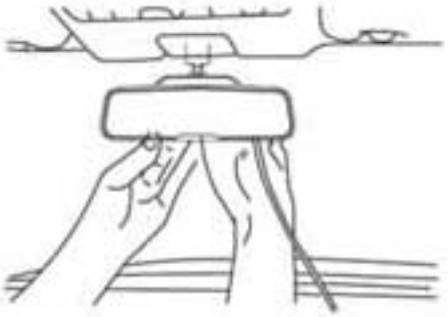
Note:

1. Adjust the direction of the sensors to avoid wrong etection; for round sensors, no need to adjust thedirection
2. Camera: The sidewith arrow in the plastic case should beat at the upper position.



The power unit is mounted inside the vehides near the back.

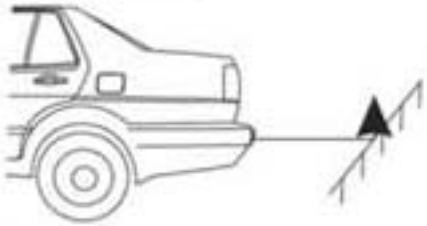
make sure the unit is installed in a clean and dry place, away dry place, away from water and moisture.



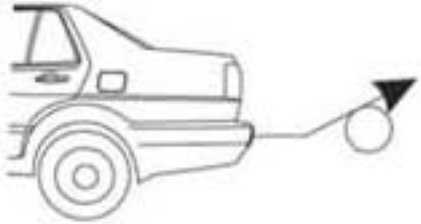
Stick the rear mirror onto the windscreen

Objects maybe cause failure detection

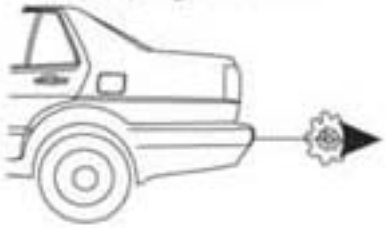
Smooth slope



Smooth round object



Objects absorbing wave, e.g. Cotton



TROUBLE SHOOTING

TROUBLE	SHOOT
No power/No display	✧Check power input wires ✧Check fuse ✧Check connection between control unit and display unit
ONE or TWO Sensor no respond or sensitive low	✧Check connection between power unit and sensors ✧Plug out all sensors and plug in individually to find out the defective sensors.
Display alway same reading	✧Reset power input (shift again revere gear) ✧Plug out all sensors and plug individually to find the defective display same reading
No image at TFT LCD Display	✧Check the RCA cable between camera and TFT LCD display ✧Check power input wires for camera ✧Check data cable between main unit and TFT LCD display