

PARKING SENSOR

with EU number plate sensors



PARKING SENSOR SYSTEM USER'S MANUAL

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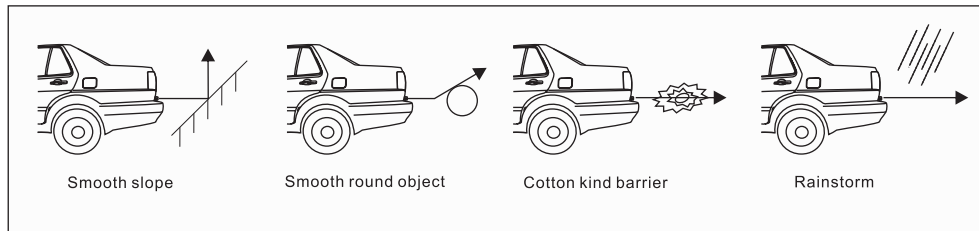
GUARANTEE FORM

Model Number		Stamp/signature of dealer:
Date of purchase:		
Customer's name:		
Telephone:		
Car registration Number:		

Note:

1. Guarantee time: 12 months.
2. The guarantee will be effective with the stamp/signature of the dealer.
3. Please keep the guarantee form well to ensure 12 months guarantee.

1. Following situation will weaken the detectou effect



2. simple service

Trouble	Trouble from	Resolvent
Parking sensor doesn't work	1. Power line connected wrong 2. Jack connected wrong	1. Connected the red line to +12V 2. Check each jack put the right socket
Power light on the light state, it still doesn't work	Sensor jack connected wrong Sensor can't work	Re-connect sensor jack
display the same number again and again	Sensor detect car body or ground	Adjust the sensor position and angle
Display the wrong number	1. Jack connected wrong 2. Sensor line may be damaged	1. Power off, then refresh all jack 2. Check the sensor line, be sure it doesn't be closed with vent-pipe or silencer

Dear Customer

Thank you for purchasing this EU number plate parking sensor.

This products meets the requirement of all the applicable European guidelines.

Conformity has been established and the relevant statements and documents are held by the manufacturer. To maintain the specifications and to ensure risk-free operation, the user should comply with the following operation and installation instructions.

This EU number plate parking sensor emits ultrasound wave using 3 sensors mounted on the number plate of the rear of vehicle, when an obstacle is detected the ultrasound is reflected from it and the time period of this delay determines the distance of the obstacle. The sound interval of the signaler changes in relation to the distance to the obstacle.

The parking sensor is switched on automatically when the driver shifts into reverse gear.

The ultrasonic sensors are waterproof and dustproof and therefore require no maintenance other than cleaning their exterior.

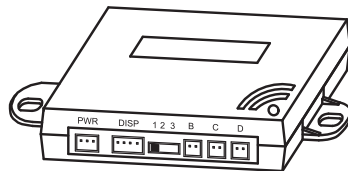
PART

1. Display: LED/LCD/Monitor show the distance or alarm by speech sound
2. Control Unit: MCU circuit, control circuit. With 3 stage switch to change the sensitivity of the sensor according to the name plate mounting height.
3. Sensor: 3 sensors (or 2 sensors and 1 camera) install in the EU name plate, and hang the plate on the car name plate place, it is DIY install.

TECH DATA

1. Voltage: DC 12V
2. Work voltage range: 10V~15V DC
3. Power: 3.0 W
4. Work temperature: -20°C to +70°C
5. Detect angle: H>60°, V>60°
6. Detect range: 0.3 to 2.0 meters

ADJUST CONTROL BOX



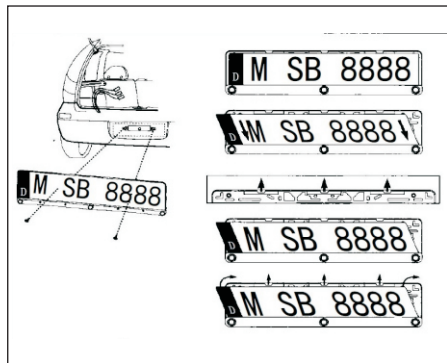
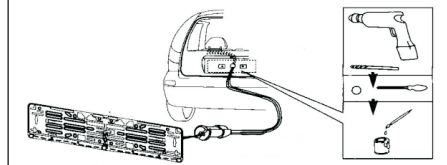
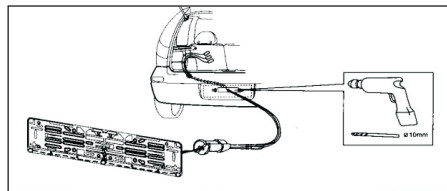
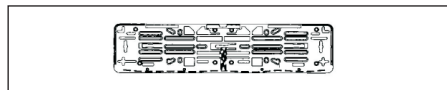
There are switch on the box, it show 1 2 3 silk print on the box, you can select the position as you want .

3 stage switch to change the sensor sensitivity according to the name plate height. The height is mean the sensor to ground.

- Stage 1, 35-40cm height,
- Stage 2, 40-60cm height
- Stage 3, 60-80cm height

Test it then all working well.

INSTALLATION DIAGRAM



DISPLAY



LCD DISPLAY



LED DISPLAY



NEW LED DISPLAY



LED DISPLAY

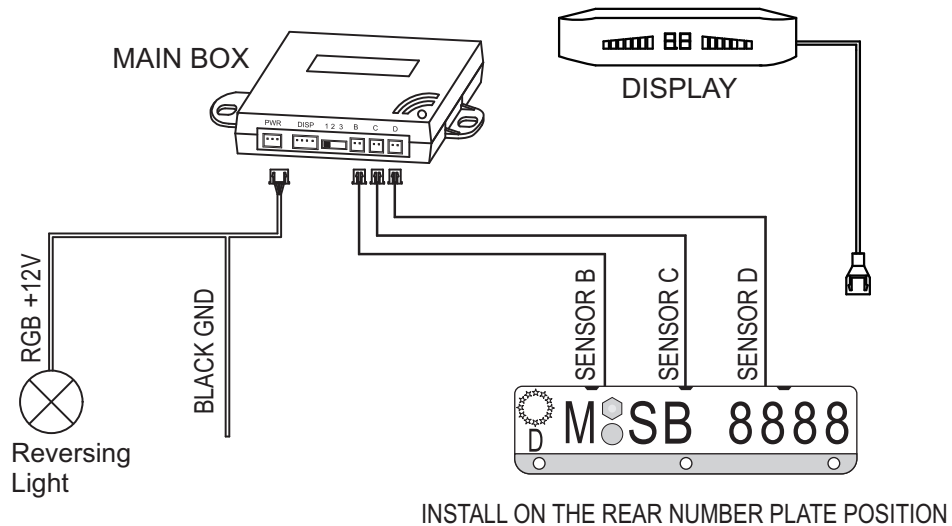


LCD DISPLAY

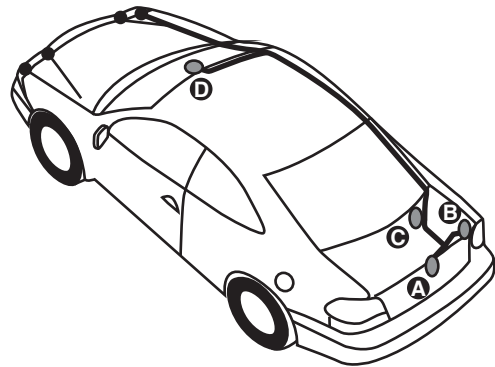
ALARM SOUND

Stage	Distance	Awareness	Alarm	Display
1	200-160cm	Safe mode	NO	2.0-1.6
2	150-100cm	Safe mode	Bi---Bi---Bi	1.5-1.0
3	90-50cm	Alarm mode	Bi--Bi--Bi	0.9-0.5
4	40-30cm	Alarm mode	Bi-Bi-Bi	0.4-0.3
5	0-20cm	Danger mode	Bi-----	0.0

INSTALLATION FOR WIRE DISPLAY OR BUZZER

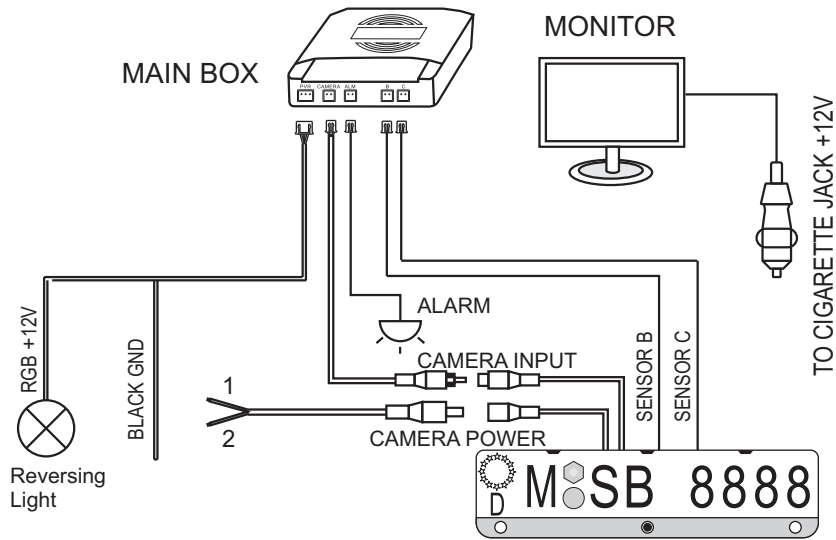


POSITION FOR EACH PART



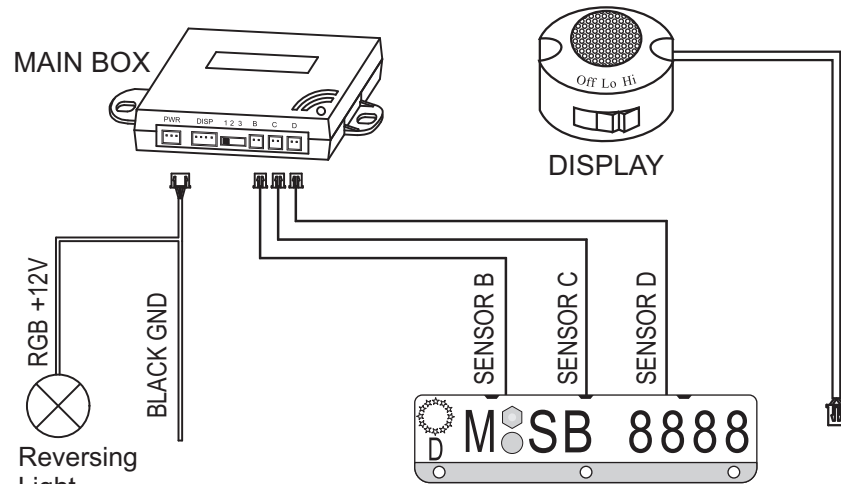
- A** EU number plate with sensors
- B** Parking sensor main box connect to the power supply
- C** Buzzer ,in the car trunk
- D** Display, Stand on the dashboard

INSTALLATION FOR THE MONITOR AND SENSOR WITH CAMERA



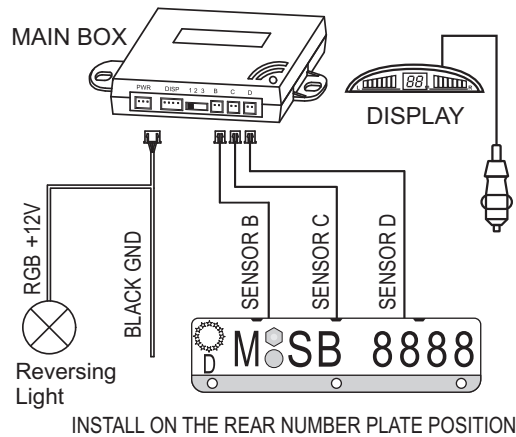
INSTALL ON THE REAR NUMBER PLATE POSITION

INSTALLATION FOR WIRE DISPLAY OR BUZZER



INSTALL ON THE REAR NUMBER PLATE POSITION

INSTALLATION FOR WIRELESS DISPLAY



1. This diagram only for wireless parking sensor.
2. The back sensors begin to work while the car on reversing time.
3. The display can be such as LED display ,LCD display , VFD display ,rear view mirror.
4. Power line guide:
Reversing light: Power on while the car on reversing time.
Stop light: power on while brake.

INSTALLATION FOR WIRELESS DISPLAY

