

USER'S MANUAL FOR REVERSE PARKING ASSISTANCE SYSTEM (A4SZ8)

The System consists of 4 sensors mounted in the rear bumper, a controller, a display (with a built-in buzzer) and a set of wiring harness. The system is activated when the ignition is turned on and reverse gear is engaged. The system measures the distance to the closest obstacle and then the display will show the distance and emit a corresponding audible warning beep.

Function

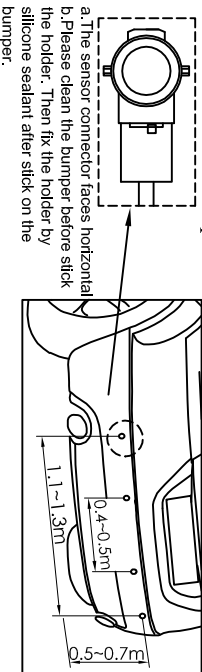
- Show detection distance precisely
- Dynamic color display
- Step-up sound frequency: closer and faster
- Adjustable sound volume
- Direction indication of detected obstacle

Specification

- Operation voltage: DC10~15V
- Operation Temp: -20~+70 ℃
- Consumption: ≤4W
- Detection range: 0.3m-2.0m

Pay attention to assembling

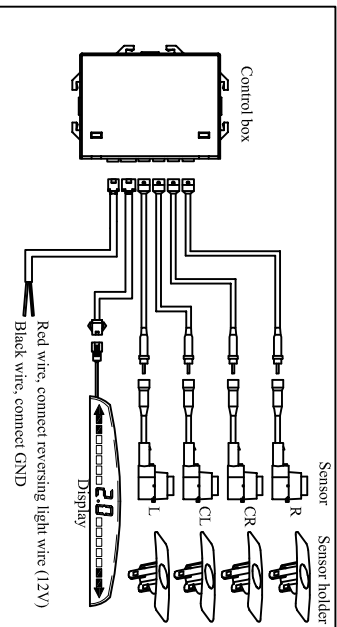
- This product can only be used on 12V automobile;
- There are "L, CL, CR, R" labels on wire of each sensor, please plug the corresponding connector into the control box;
- Please make sure that the wiring harness is fixed and far away from vent-pipe.
- Sensors' installation position:



ECU setup

1	N/A
2	N/A
3	Spare tire function on/off
4	Low sensitivity function on/off

Wiring diagram



Alarming mode

Distance	Distance display	Alarm
2.0m~	-	no sound
0.3m~2.0m	0.3-2.0	step-up alarm Bl----Bl----Bl frequency BlBlBl
~0.3m	-P	continuous alarm

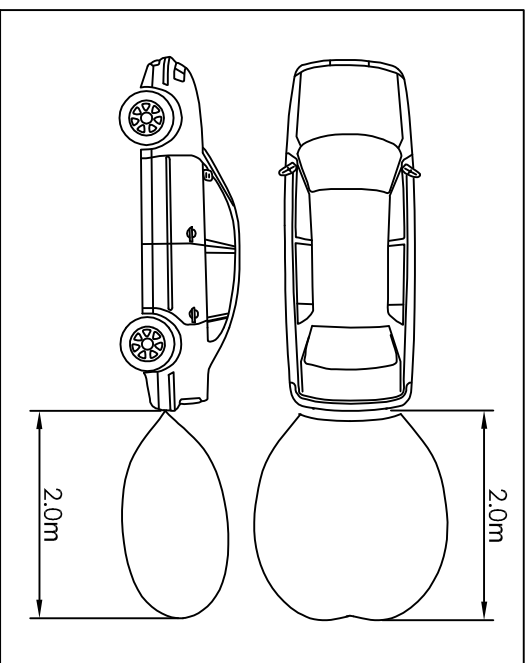
Display setting

Mode	Definition	Show	Note
High	2	(default)	
Low	1		Press the setting button, then the buzzer alarm once and show "2". If you want to adjust volumn, please loose the button and press it again, the "0", "1" and "2" cycle. Then stop pressing, the display will memory and exit automatically.
Off	0		
Metric vs Imperial	The metric system	H1	
	The Imperial system	H0	Press the setting button, then the buzzer alarm once and show "H1". If you want to adjust the display mode, please loose the button and press it again, the "H0" and "H1" cycle. Then stop pressing, the display will memory and exit automatically.

Function test & Trouble shooting

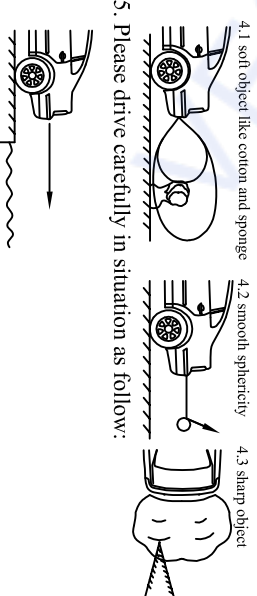
- If led light on display does not match the obstacle direction, please check sensor direction and corresponding wiring connection;
- If system give you false warning, maybe ground is detected. Please check if the sensor connector faces horizontal and the installation position is too closer to ground.
- Please adjust the button in the display to change the volume. If the sound is abnormal, please check if there is obstacle on the hole and the battery voltage.

Detection area



Notices

- Because of automobile inertia and other facis in practical situation, please reverse automobile <5km/hr; when the display show distance ≤0.5m, please stop the automobile;
- Please clean the ice and mud if there's any on the surface of the sensor.
- When running on large angle slope, grass land or gravel road , it is easy to give out fault warning;
- Attention please that it is not easy to detect obstacle in situations as follow:



- Parking assistance system is only used as an auxiliary equipment, driver needs to take responsibility of driving safety by himself.