

## Owner's / Installation Manual

4000-RV Precision Park

### Flush Mount Sensor System



#### Mounting

- 1) The Sensors mount into the rear bumper with the speaker mounted on the rear shelf or rear side panel on an SUV.. The display (depending on Model) is designed to mount to the top, center of the rear window molding, to be viewed through the mirror or over the shoulder.
- 2) Sensor Holes are 22mm diameter., Sensor Mounting Height between 30cm—50cm from ground. Sensors are L, LC, RC, R. Measure and mark the center of the bumper. If you divide the total width of the bumper by 8, L and R sensors are spaced 3/8 distance from the center. LC, RC sensors are spaced 1/8 distance from the center. Select spots on the bumper that are relatively flat, within those parameters, to mount the sensors. Sensors have a slight angle (so they do not detect ground), mount with the thick side down. Correctly mounted, the sensor should be 90° to ground or angled higher.
- 3) Route cables through grommet to control box in trunk area. Match sensor locations to corresponding connection on control box. Connect the display and speaker to the control box
- 4) Before making power connections, disconnect ground on car battery. Identify the power wire to the reverse lights, use a test light or meter. Connect the red positive wire from the control box to the reverse lights positive lead, black to reverse lights ground, or other ground. Connect the battery, engage the parking brake, turn on ignition.
- 5) Shift transmission into reverse, make certain reverse lights are on, 2 beeps indicates system is active.

#### Note:

- All Measurements are approximate. Due to an objects position, angle, size or shape, the reflected signal may mislead the receiving sensor. For a better understanding, we suggest that you test your vehicle with different objects for a better understanding of the systems capabilities.
- Display code: Red—.1-1ft, Orange—1-2ft, Yellow—2-4ft, Green—4-6ft, Blue—4-6ft. Alarm beeps progressively to solid on as you get closer to the obstruction.

#### Troubleshooting

Symptoms	Solutions
System does not work when reverse is engaged	Check Power Lead, reconnect all Jacks
Alarm audio and distance displayed continuously	Reset the system, adjust angle of sensor
No audio alarm	Reset the system, reconnect the sensors
False Alarm	Adjust angle of sensor, adjust sensitivity

#### Specifications

#### Warranty and Support Information

Item	Control Box
Operating Voltage	DC10.8~15V
Standby current	<100MA
Operating current	<200MA
Operating Temp	-22°F—176°F
Storage Temp	-40°F—185°F
Operation Frequency	40KHz ± 2KHz

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