Thank you for choosing this start of the art product

This product is designed to assist the driver’s view of road conditions. It is the responsibility of the driver to react based on actual situations of the road. Manufacturer and distributors will not bear any liability regarding incidents arising from the use of this product. The Sensor Control module will transmit real-time data to the peizo speaker and video display when obstructions are detected. The module will also display an overlay aid to assist in directing in parking spaces. The display will read “STOP” when unsafe distance is detected. The module will work with any LCD screen that accepts composite (RCA) video inputs.
License Plate Frame W/ Rear View Color Camera, Object Sensors, & IR LEDs

2 Object Sensors w/ Proximity Alert
1/4” CCD Color Camera
0.5 LUX Low Light Lens
Waterproof Camera Housing
Vertically Pivoting Camera Housing
7' Effective Viewing Distance
Inconspicuous Speaker Housing for Alerts
1300 Capture Angle
8 IR LEDs for Night Viewing
On-Screen Distance Gauge
RCA Video Output
Cast Steel Alloy
Reversed Image
640 x 480 Capture Resolutions
U.S. Patent #7,106,183 B2
**LICENSE PLATE REAR VIEW CAMERA WITH ULTRA SENSOR**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power/Video Exchanger</td>
<td>Ø 3.0 x 1200mm Red/Black</td>
</tr>
<tr>
<td>Sensor Cable</td>
<td>Black</td>
</tr>
<tr>
<td>Waterproof Cable</td>
<td>Ø 3.0 x 7000mm PH2.5 x 4P Plugs Black Cable</td>
</tr>
<tr>
<td>Speaker</td>
<td>(With PH2.5 x 2P x 1000mm Plugs)</td>
</tr>
<tr>
<td>Square Sponge Controller</td>
<td></td>
</tr>
<tr>
<td>Round Sponge Speaker</td>
<td></td>
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</tbody>
</table>

**Product configuration**

1. Camera Ultra Sensor + Waterproof Cable (1PCS)
2. Screw & Plate Washer & Hex/Nut (4SETS)
3. "L" Hexagon Screw Wrench Screw Fixed Rubber (1PCS)
4. Manual (1PCS)
5. Sensor box (1PCS)
6. Video Cable Ø 3.0 x 3000mm Black (1PCS)
7. Power/Video Exchanger Ø 3.0 x 1200mm Red/Black (1PCS)
8. Sensor Cable Black (1PCS)
9. Waterproof Cable Ø 3.0 x 7000mm PH2.5 x 4P Plugs Black Cable (1PCS)
10. Speaker (1PCS)
11. Square Sponge (1PCS) Controller Round Sponge (1PCS) Speaker
Installation steps

1. Route camera and sensor cables through the rear of the vehicle to the Sensor control module's location.
2. Mount license plate camera into the corresponding holes in the vehicle.
3. Determine where the sensor control module and mini peizo speaker will be mounted.
5. Connect power to accessory power and ground to chassis ground.
6. Connect video output to your video display monitor.
7. Adjust camera angle using the supplied “L” hexagon wrench to loosen the angle screws. When finished tighten the screws and use the rubber screw head covers.

Diagram one: No Obstruction
The display reads position without and prompts when no obstruction is detected within 7.5ft.

Diagram two: Two sensors detect an obstruction within unsafe distance. When two or more sensors detect an obstruction within unsafe distance the display will read “STOP” as well as prompt the obstruction distance.

Diagram Three: Two sensors detect obstructions within detectable distance. When two or more sensors detect obstructions within 7.5ft the display will indicate “L” and “R” as well as prompt the closer obstruction distance.
Diagram Four: Single side sensor detection of obstruction within detectable distance. When a single side sensor detects obstructions within 7.5 ft, the display will indicate either “L” or “R” as well as prompt the obstruction distance.

Diagram Five: Single sensor detection of obstruction within unsafe distance. When a single sensor detects an obstruction within unsafe range to continue backing up the vehicle, the display will read “STOP” as well as prompt the obstruction distance.

**VOICE PROMPTS:**
Voice prompts include audible prompts stating the following ranges: 6.5 ft, 5 ft, 4 ft, 3.3 ft, 2.6 ft, 2 ft, 1.6 ft, and STOP. “STOP” will be heard when the distance is 0.66 ft to 1.3 ft. A tone will also be heard which increases as an obstruction becomes closer to the rear of the vehicle.

**SYSTEM TEST**
1. Connect all wiring as indicated in the wiring diagram of this manual.
2. Test the distance grid without obstructions then move an object within measurable distance (0.66-7.5 ft) to confirm range sensing is accurate.
3. Check that both the visual display as well as audible prompt read the distance to obstruction properly.
NOTE: Cameras and reversing aids are strictly drive assist devices. It should not be considered as your only method for safety. It is not a substitute for driver responsibility when operating a vehicle. Please follow all local and federal laws when backing up your vehicle. The manufacturer and the distributor of these reversing aids do not guarantee or assume liability for "collision or damages" that take place when backing your vehicle. Use your mirrors, turn around and use all of the proper precautions to safely back your vehicle. Always check for children before you shift to reverse!