



USER MANUAL

APPSSD
PARKING SENSOR
WIRELESS LCD DISPLAY

Notes

1. This Aerpro parking system is designed as a parking aid and should not replace careful driving.
2. Under no circumstances will the manufacturer, supplier, and/or dealer accept any responsibility or be held liable for any direct or indirect, incidental, or consequential damage, or for injuries resulting from installing or using this system.
3. Neither Aerpro nor the supplier is responsible for any additional promises or claims made by the retailer of this product.
4. To the extent permitted by law, Aerpro excludes all liability, including negligence, for any loss incurred in reliance on the contents of this publication.

Cautions

1. Please read this manual carefully before using the product.
2. We recommend practicing with the system using various obstacles to understand its performance.
3. Though the minimum detection distance is 0.30m, maintaining enough space to stop your car is still recommended. Considering the car's inertia, it is best to stop when the displayed distance is shorter than 0.60m.
4. False alarms can be caused by interference from sound waves such as horns and air brakes.
5. Car speed should be less than 3-5 km/h when parking. No matter how effective a parking alert system is, parking too quickly can cause accidents.

Usage

● Wireless LCD Display & Functions



1. Distance Display: The distance between the closest obstacle and the front or rear sensor is displayed in meters, with a resolution of 0.01 meters.

2. Sound Warning: The built-in beeper provides an audible distance warning with a variable cadence.

3. Orientation Indication:

* After self-test, illuminated icons indicate that the corresponding position sensors are operating normally. If a sensor fails, its corresponding icon will be extinguished.

* The location of the closest obstacle is indicated by a flashing icon.

4. Zone Caution: When an obstacle is detected, the display will indicate the safe zone (blue), alert zone (yellow), and dangerous zone (red).

5. Front Sensor On/Off Setting: The front sensor display can be turned on or off by pressing the button once while the car is moving forward. (Note: There is no memory function; the system defaults to ON when powered on.)

6. Volume Setting: The volume can be adjusted from level 0 to level 8 using the button on top of the display.

7. GPS Speed Controlling: The system is activated when the car's speed is less than 15 km/h, as determined by the car's GPS. The system is deactivated, and the speed is displayed, when the car's speed exceeds 15 km/h. The speed display can be turned off by pressing the Front On/Off button.

8. Voltage Display: The voltage is displayed for 3 seconds after the car is started.

● LCD Display Installation

The LCD display can be mounted on the driver's side left or middle of the dashboard.

Route the display power cord through the concealed part of the dash seal to the ACC power supply at the fuse panel.

Red = Power (ACC or IGN supply)

Black = Ground (Ideally crimp an eye terminal and connect to an existing factory bolt going to the chassis)

● Front Control Module Installation

Please note that the front wireless controller is waterproof and can be installed in a suitable, fixed position within the engine bay.

For optimal performance, install the controller as far away as possible from the car battery and any high-current wiring harnesses.

The front wireless controller can be powered directly to the car battery or to ACC source in the engine bay, as its static current is less than 0.3mA.

Red = Power (ACC or IGN supply)

Black = Ground (Ideally crimp an eye terminal and connect to an existing factory bolt going to the chassis)

● Pairing Procedure

To ensure a unique wireless signal between the controller and the receiver (built in the display) please follow the below steps:

1. Turn the key or push the start button to the ACC or IGN position.
2. Use a paper clip or similar then press and hold the pairing button found on top of the LCD display (See page 4 for description).
3. The display will show "----" and the beeper will emit two beeps. At this point release from pressing the pairing button.
4. If the display shows "CONN", code matching is successful.
5. If pairing wasn't successful, please repeat the above process.

Troubleshooting

Phenomenon	Cause	Remedy
1. There is no sound when starting the car (front sensor) or putting on reverse gear (rear sensor), and all indicator lights are off	The speaker power supply is not powered on	Check whether the power cord is connected correctly and tightly
2. Continuously beep	a. Detect objects within 0.30m from the sensor b. The position of the sensor is too close to the ground and the direction is too inclined to the ground c. The sensor plug and the extension cord socket, or the extension cord plug and the controller socket are not inserted in place d. Ice, snow, and mud stick to the surface of the sensor	a. In order to avoid spare tires, decorative bars, tow hooks, etc., you can return to the factory to customize the controller b. Reduce the detection sensitivity by reducing the maximum detection distance of the corresponding sensor c. Rotate forcefully and insert it in place d. Clean the surface of the sensor
3. Always keep one rhythm alarm	a. The object with a strong reflective surface on the ground is detected b. The sensor sweeps to the smooth ground c. There is electrical pulse interference around the controller	a. If the phenomenon disappears after moving the car, it is normal and there is no need to deal with it b. Lower the detection range level to reduce the sensitivity c. Change the installation position of the controller, and stay away from the battery and the vehicle cables.
4. Speaker alarm abnormally	a. There is ultrasonic interference near the sensor b. Electrical pulse interference exist around the controller	a. Normal phenomenon: Pneumatic tools, grinding machines, knocking sounds, etc. will generate interference signals b. Change the installation position of the controller, and stay away from the battery and the vehicle cables.
5. The Speaker volume is too loud or too low	The volume setting is not appropriate	reset volume

● Safety Information & Warnings

Do not try opening the shell or try to repair the product by yourself.

If the product or it's accessories have any problems and is still under warranty, then take it back to the place of purchase with the original purchase receipt.

If out of warranty then contact the authorised repair agent, Aerpro Support.

Do not use a chemical substance, cleaning solvent or cleaner to clean the product, please use a moist soft cloth if you would like to clean the product.

Do not use the product under conditions where dust is present.

Please pay attention to cleaning the display surface, use a moist soft cloth to clean the display."

● Technical Assistance

Please retain this user guide for future reference. If you would like to download a digital copy of this manual, or other Aerpro manuals/software, please visit the Aerpro.com website and search for information on your model.

This user guide is considered correct at time of printing but is subject to change.

For latest user guide, manuals, videos and updates refer to the website.

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