

Quick Start Guide

Speed Message Trailer - License Plate Recognition

Setup

For safety reasons it is recommended that all trailer features be programmed and checked before transporting the trailer to the job site. Select a site that has a road base that will support the trailer.

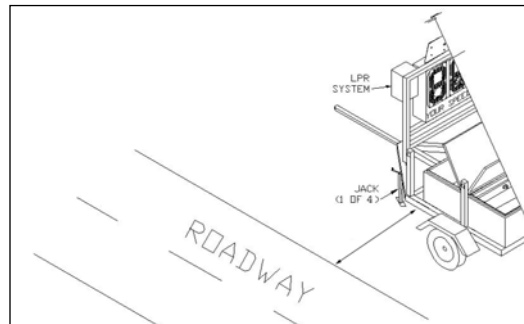


FIGURE 1

Trailer must be positioned a safe distance from the road edge and be level and parallel with the road surface.

Align the Trailer

Position the trailer a safe distance from the edge of the road making sure that the leveling jacks are deployed and that the trailer is level with the road surface.

The trailer must be aligned evenly with the road for the license plate recognition system and speed message display sign to perform properly.

Disable the Tongue

Once the trailer has been positioned and properly aligned, disable the use of the tongue by removing the receiver hitch pull pins, disconnecting the power harness and sliding the tongue out of the receiver and placing it back in the receiver upside down. Reinsert the receiver hitch pull pins and lock back in place.

(Note: it is recommended that you use locking receiver hitch pull pins so that the trailer and tongue is secured against theft. If you do not have locking pull pins then it is recommended that the tongue be completely removed and stored in the accessory box until needed.)

Lifting the Display Box Assembly

Unlock and open the switch box door located on the side of the front storage box. Inside the door are 4 switches (5 switches if an optional feature has been purchased). The top switch is marked "Lift" and is a specially designed safety switch. To enable the switch grab the head of the switch and pull it toward you. It should pull outward.

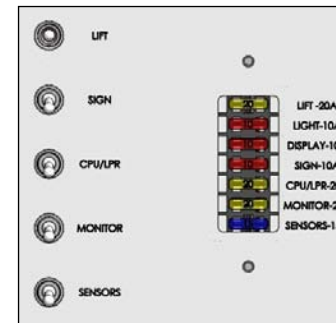


FIGURE 2
Switch panel.

Toggle the switch up and hold. The display box will begin to raise into position. Once all the way up, let go of the switch and push the head of the switch back in disabling the switch.

Close and lock the switch box door.

Please refer to the OnSite™ 400 User's Manual for more information regarding the positioning, set up, use, and troubleshooting.

Main Power Switch

Located inside the front storage box on the side wall is the main power switch. This switch enables or disables all of the power systems with the exception of the lift. Make sure this switch is in the "ON" position when the trailer is in use. Before moving the trailer to another location, make sure the switch is returned to the "OFF" position.



FIGURE 3
Main power ON/OFF switch.

License Plate Recognition System

Unlock and open the switch box door located on the side of the front storage box. The third switch from the top is labeled "CPU/LPR" and is the switch that controls power to the license plate recognition systems CPU. Placing this switch in the "ON" position powers up the license plate recognition system.

If the CPU has already been set up to operate on power up (power switches on the back and the front of the CPU are in the "ON" position), then no other actions need to be taken. However, if you want to access the system to review LPR information or to make changes, then the monitor switch (4th switch from the top) will also need to be turned to the "ON" position.

For more information on the license plate recognition system refer to the user's manual included with the license plate recognition system.

Message Sign

Unlock and open the switch box door located on the side of the front storage box. The second switch from the top is marked "SIGN". This switch turns the one line message sign on and off.



FIGURE 4

Message display controller mounted next to LPR CPU and Monitor.

If the sign has already been programmed with the message that you want displayed and you have turned the sign on, then no other action is needed. If the sign needs to be programmed to display a different message, the programming module is located inside the front storage box next to the license plate recognition systems CPU and monitor.

Refer to the instruction sheet for the message sign for guidance in changing the message.

Radar Speed Display

Once the display box assembly has been raised in place, unlock and open the speeddisplay control box door located on the side of the speed display box. Located inside the box is the power on/off switch, test button, data logger receptacle, violation speed and high speed push wheels.

(Note: If you have purchased the trailer with the flasher option there will also be a 3 position selector switch for the flasher.)



FIGURE 5

Speed display ON/OFF switch.

Turn the power switch to the "ON" position. Verify that the violation speed and high speed push wheel switches are set to the proper speeds. For more information on the radar speed display, please refer to the user's manual sent with the OnSite™ trailer.

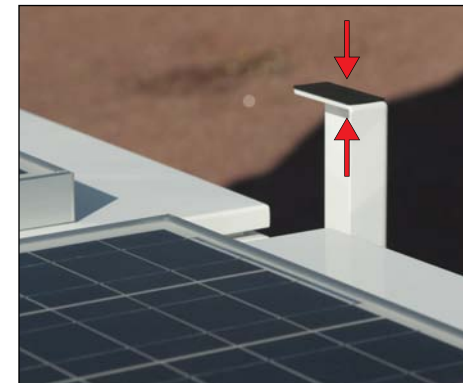


FIGURE 6

Avoid pinch points.

Moving the Trailer

Invert the tongue back to its proper position. Connect for towing and lower jacks and place them for safe travel.

When moving the trailer shut off all power switches controlling the various functions of the trailer. Once all systems have shut down, shut off the main power switch. Lower the display box assembly making sure that pinch point areas are avoided.

Charging the Trailer

After each use it is recommended that the trailer be recharged.

Please refer to the User's Manual provided with the battery charger for information regarding proper charging.

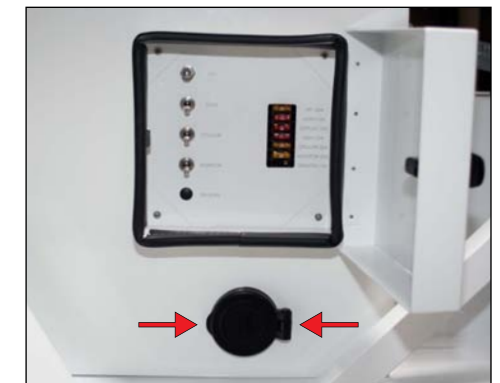


FIGURE 7

Charging port.