

Thank you for purchasing an All Traffic Solutions product. This quick start guide will show you how to set up, power and configure your sign. For complete instructions on all the functionality of your new sign, go to www.alltrafficsolutions.com/support.html where there is a complete user manual that you can use online or download and print.

Unpack the unit

Remove the unit, battery(s), charger(s) and other optional equipment from boxes.

Remove the battery(s) from the unit

Lay the Shield digit side down and remove the mounting bracket by unlocking the lock with the supplied key and lifting up on the mounting bracket, set it aside. Next remove the battery cover(s) by removing the thumb screws. Slide the battery(s) out of the battery compartment; make sure to disconnect the power connector if it is connected.

Charge the battery

The battery will arrive partially charged and needs to be fully charged before use. Plug battery into the supplied charger and then plug charger into wall outlet. Light on charger is red while charging and changes to green when charging is nearly complete. A charge can take up to 7 hours for the 10Ah LFP battery and 11 hours for the 16Ah LFP Battery.

Install the charged battery(s)

Once the battery charger(s) turns green, disconnect the battery(s) from the charger. Lay the Shield digit side down remove the mounting bracket and battery cover(s). Take the battery(s) and place on the unit; connect the battery cable to the connector inside the compartment(s). Tuck the connector into the space in the top of the battery compartment. Slide the battery into the compartment and replace cover. Use only the *SHORT* thumb screws. Do NOT use the thumb screws supplied for the Your Speed sign, as they are too long and can cause damage to your sign. *Only ONE battery is required for the sign to operate*

Install the "Your Speed" sign

With the supplied torx wrench, remove 2 bolts at the top edge of the "Your Speed" sign. Slide the sign up and replace the bolts into the holes on the bottom edge of the sign. The thumb screws can be used in place of the torx screws if there is no concern of tampering

Configure the sign

While in the field and deploying the sign, there are a couple basic steps you must do each time.

- 1) Turn the unit on by pressing "Power". The Shield will display two dashes and will then go through a self-check. Once the LEDs turn off the unit is fully operational. There is a LED indicator in the upper left corner that will usually flash every 10 seconds indicating that the unit is on.
- 2) Set the speed limit by pressing the speed limit button until the desired speed limit is displayed on the digits. The first press will display the current speed limit setting, and additional presses will increment the speed limit by a value of 5 per press. When the Maximum speed limit is reached the increments will start over at 5.
- 3) Verify or set the display mode on the Shield. The mode can be changed by pressing the "Display Mode" button until the desired mode's letters are displayed on the front of the unit.



- c = Constant: the approaching vehicles speeds will be displayed steadily as the vehicle passes by the Shield
- cS* = Constant with strobe: this is the same as constant, however any vehicles exceeding the Speed Limit will trigger the strobe to go off.
- b = blinking: the approaching vehicles speeds will slowly blink as the vehicle passes by the Shield.
- bS* = Blinking with strobe: this is the same as b linking, however any vehicles exceeding the Speed Limit will trigger the strobe to go off.
- dE = Demo: the Shield will display a repeating set up vehicles speeds, this mode is only used for demonstration purposes and should never be used while deployed on a road.
- oF = Display Off: the Shield will NOT display any vehicle speeds, it will look as if the sign is turned off. If equipped with the traffic data package the sign will continue to collect traffic data while in this mode.

*These are optional modes, and are only available if the violator strobe was purchased with the unit.

Install the mounting bracket

Bolt the mounting bracket to the desired pole with supplied bolts or U bolts. The hardware will go on the sign side of the bracket so it is covered when the sign is installed.

Mount the sign

Make sure the Shield is powered on and configured properly. Set the top of the Shield onto the tab at the top of the mounting bracket. Rotate the unit down until is flush with the bracket, push the locking pin up to lock it into place. To remove, unlock the pin, rotate the unit up and away from the bottom of the mounting bracket and lift it off the top tab

To find the complete instructions on how to adjust additional settings or to learn about the rest of the functionality of your new sign, go to www.alltrafficsolutions.com/support.html. On this page there is a complete user manual that you can use online or download and print for your convenience. We are also available to assist. To speak with a technician call us at (866) 366-6602 option 2.