

How to use the NP2 ESL PLUS |

Use the supplied connector and land the proper connections to the main control board and the detector will light up the segment display screen with a factory setting of 5. Pull the desired vehicle onto the loop and you will see an array of red, yellow, and green LED's next to the display. This gives you the signal of the sensitivity strength of the detector. In most applications the setting of 5 should suit most applications but loop and vehicle size plays a part in the settings.

Adjusting the Sensitivity |

Step 1: Remove the desired vehicle from the loop.

Step 2: Press and hold down the up-arrow button until you see a flashing blue dot on the led segment screen and a single red led appear. This will put the detector in EZ-TUNE so the sensitivity settings can be adjusted. While in this mode no signal will be sent to the gate operator **DO NOT PLACE A VEHICLE, EQUIPMENT OR PERSON IN THE PATH OF THE GATE!**



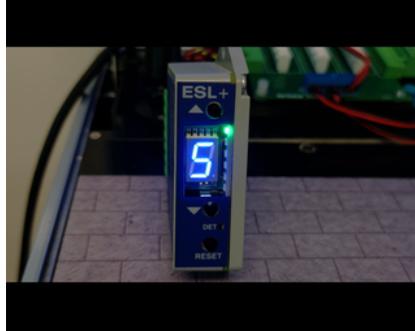
Step 3: Pull the vehicle directly onto the loop.

Step 4: Use the UP and DOWN arrows to adjust the sensitivity to the desired level.

Step 5: Ideally you will want the full array of LEDs to light up (2 red, 2 yellow, 2 green) for optimal detection.



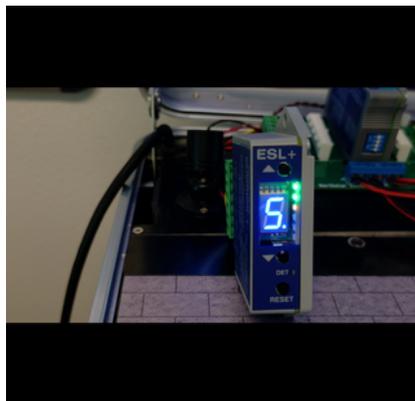
Step 6: Press the reset button and a single green LED will appear for 5 seconds to lock in the settings.



Step 7: Test out the settings by running the vehicle over the loop to see if you get a full array of LEDs to appear.

Adjusting the Frequencies I

Step 1: Press and hold down the down-arrow button until you see a flashing blue dot on the segment screen and a single green led will appear. This will put the detector in EZ-TUNE and the frequency number will begin flashing on the display screen.



Step 2: Use the up and down buttons to select the desired frequency.

Step 3: Alternate the frequency of each detector in the rack to prevent crosstalk.

Step 4: To lock in the setting press the reset button and a single green LED will appear for 5 seconds to lock in the settings.



Additional Options

There is a 4 position on the side of the detector for your site-specific needs. Press the reset button to implement the desired setting. If there is a fault 2 yellow LED's will appear and the letters O then C represents an open circuit, and the letter S then C represents a shorted loop. **After 2 minutes the LED display will turn off to conserve power and a single green LED will turn on and flash, press any button to turn the display back on.**



1. **ON** provides a Fail-Safe Output - **OFF** provides a Fail-Secure Output
2. **ON** provides the detector with a 15-minute presence time - **Off** provides the detector with a 60-minute presence time.
3. **ON** provides the detector with a permanent presence time. **Off** will refer to switch 2.
4. N/A

