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2014 Instructions for Operating the Eliminator 2000
Test Track 3 – Single Lane

1. Plug the D.C. power supply into the gray setup box (box with the "Abort/Finish" buttons). If you do not have a gray setup box, plug the power supply into the setup cable. The power supply is 12 Volts D.C. center pin positive.

2. Plug the black power lead from the gray setup box into the power jack on the top left side of the Eliminator 2000. If you do not have a gray setup box, plug the power plug of the setup cable, labeled "TO ELIMINATOR", into the power jack on the top left side of the Eliminator 2000.

3. Turn on the Eliminator 2000 – Left side top rocker switch in down position. The lights will count down and the main menu will appear.

4. Use the Up or Down Arrow Key to highlight "Test Track". Press the "STAGE-ENTER" key. "Stage Up" will appear on both sides of the Eliminator 2000 display.

5. Press the "PREF-6" key. "Test Track" should be displayed
   a. Use the Up or Down Arrow Key until the display reads "Test Track [3]"
   b. Press the "STAGE-ENTER" key to save the change
   c. Press the "STAGE-ESCAPE" key to return to the "Stage Up" screen

   Note: The "PREF-6" key WILL NOT WORK if the "LEFT" and "RIGHT" plugs are plugged into the Eliminator 2000

6. (Optional) Change additional Test Track settings
   a. Pressing the "PREF-6" Key allows you to change the following:
      i. From Dual to Single User
      ii. From Auto Start to Manual Start
      iii. Dual Red On or Off
      iv. External LED Display On or Off
      v. Eliminator LEDs On or Off
      vi. Return to default settings (Select Yes to return to factory default settings)
   b. Pressing the "TREE-9" Key allows you to change the following:
      i. From Full Tree to Pro Tree
      ii. Tree Speed from .400 to .500 seconds
      iii. Fixed Delay .100 (For Auto Start Only)

   Note: Press the "STAGE-ENTER" Key to advance and save settings
   Press the "STAGE-ESCAPE" Key to exit the menu without saving
   Press the Up or Down Arrow Keys to change settings

7. Plug the plugs labeled "LEFT" and "RIGHT" into the corresponding sides of the Eliminator 2000

8. Plug the 25-pin connector from the National Event Tree into the right side of the Eliminator 2000, the external LED display (optional) into the port on the top center of the Eliminator 2000, and the time slip printer (optional) into the port on the top right of the Eliminator 2000.

NOTE: The Prestage and Stage LEDs on the Eliminator 2000 can be used as indicators to determine if your infrared sensors are plugged in and aligned properly to their reflectors. The sensors are tied to the Prestage and Stage LEDs as follows:

Left Stage LED	=	Stage/Start Signal
Right Stage LED	=	60 foot Signal
Left Prestage LED	=	Mid Track / MPH Signal
Right Prestage LED	=	Finish Signal

In a Stage Beam only system, the left Stage LED on the Eliminator 2000 is used to indicate when a vehicle is ready to race. When the Stage beam is aligned, the left Stage light will be "off". For all other sensors on the track, the corresponding Eliminator LEDs should be "on" when the sensor is aligned. If your test track does not have a 60ft sensor, a BYPASS connector must be inserted into the 60ft connector.

For a Start Beam only system, the left Stage LED on the Eliminator 2000 should be "on" when the Start Beam is aligned (this is opposite of the Stage Beam system).

To ensure valid times are received, only run a race if all sensors are aligned!

9. Once the sensors are aligned and Eliminator is running, the system is ready to run a race. In Auto Start mode, the tree will cycle when the vehicle has staged. In Manual Start mode, press the "STAGE-ENTER" key to start the race.

10. When the vehicle has crossed the finish line, the information from the race will be displayed. First the reaction time and 60ft time (if connected) is displayed. After 2 seconds, the Mid Track time (if connected) and finish time (ET) are displayed. These times will stay on the LCD screen of the Eliminator and external LED display (if connected). If you have a printer plugged in, the printer will automatically print when the finish line is crossed.

11. Press the "DELAY BOX-7" key to return the reaction time and 60ft time to the display. The printer will also print a second copy of the time slip.

12. Press the "DELAY BOX-0" key to display MPH
    Note: The MPH trap must be exactly 66 feet to get accurate values

13. To reset the tree and run another race, press the "RESET-2" key.
    Note: Pressing "RESET-2" will **LOSE ALL** run data

14. Repeat from Step 9 to run another race.