

# ***Eliminator Next Gen***

## **Test Track Cable Setup Instructions**

**WARNING: Test Track will NOT work if the Eliminator Next Gen is battery powered. Please use the 12V DC power adaptor supplied with the system connected to the Track Interface Box.**

### **Test Track Hardware Description:**

**Track Interface Box:** Gray box roughly 8"x8"x5" which converts all signals from the down track and starting line sensors to information received by the Eliminator Next Gen.

**Timer Interface Cable:** Cable from the Track Interface Box that is terminated by a 25-pin connector (connects to the Eliminator Next Gen Timer)

**Switch Cable:** Cable from the Track Interface Box that is terminated by an 1/8" stereo jack plug. Usually fastened to the Timer Interface Cable and connects to the Eliminator Next Gen

**Track Interface Cable (Tower Extension Cable):** Cable from the Track Interface Box that is terminated by 3-place connectors (connects to the starting line and downtrack sensors)

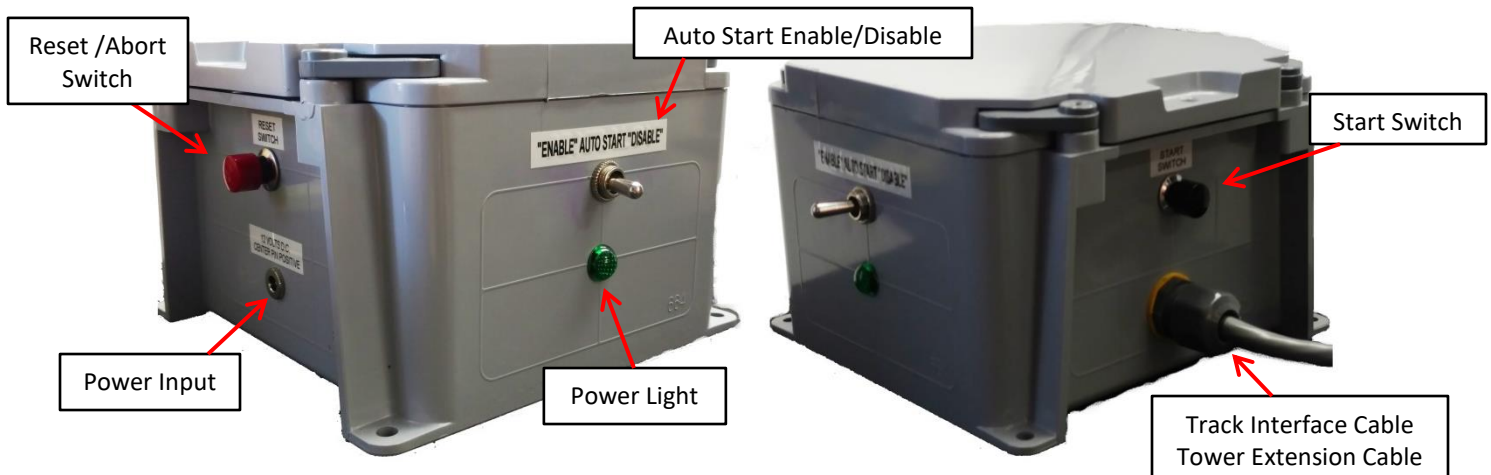
**Reset Switch:** Press to end a race when one or more vehicles is unable to cross the finish line

**Auto Start Enable/Disable:** When Auto Start is on, this switch provides a quick way to disable the Auto Start timer to provide time to clear the track or check the starting line

*Note:* The Auto Start Enable/Disable Switch must be set to "Disable" when Auto Start is off

**Start Switch:** Press to start a race when Auto Start is off

**12 Volts DC:** Power input – provides power to the Eliminator Next Gen and sensors

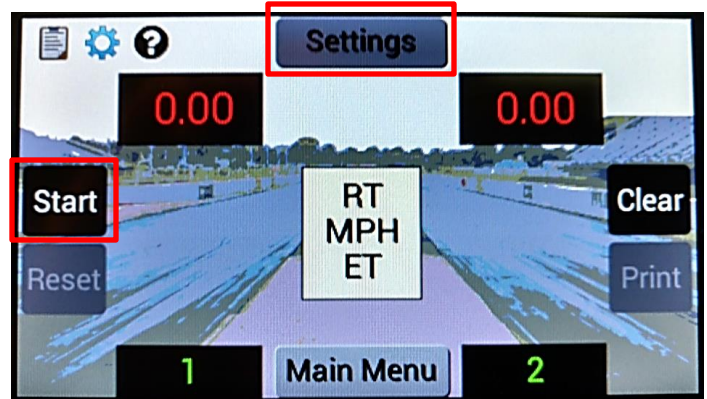


### **Test Track Hardware Setup:**

- 1.) Connect the Timer Interface Cable from the Track Interface Box to the left side of the Eliminator Next Gen
- 2.) Connect the Switch Cable to the left hand switch port of the Eliminator Next Gen
- 3.) Extend the Track Interface Cable/ Tower Extension Cable from the Track Interface Box to the starting line of the track. Sensors do not have to be connected for startup.
- 4.) Plug the 12V DC power supply into the "12 Volts DC" input of the Track Interface Box. The green power light on the Track Interface Box should light, and the Eliminator Next Gen should begin its startup sequence.
- 5.) Refer to the Eliminator Next Gen Instructions for entering Test Track Mode and feature setup.

## Auto Start Information:

- Auto Start can be turned on/off in the Test Track “Settings” menu (see image on right)
- **Auto Start On:**
  - Auto Start must be enabled on **BOTH** the Eliminator Next Gen and the Track Interface Box to operate
  - **Start Button** on the Eliminator Next Gen enables or disables Auto Start
    - Black - Auto Start is disabled
    - Green - Auto Start is enabled
    - Gray - Sensor is not detected (cannot run a race)
  - **Auto Start Enable/Disable Switch** on the Track Interface Box enables or disables Auto Start
  - **Note:** Auto Start will automatically disabled on the Eliminator Next Gen at the completion of a run. It must be re-enabled before the next run. This allows the race operator to have time to enter car numbers and indexes between runs. To prevent Auto Start from disabling after each run, turn on Auto Number from the Test Track “Settings” menu.
- **Auto Start Off:**
  - **Auto Start Enable/Disable Switch** on the Track Interface Box must be in the **DISABLE** position for manual start to work correctly
  - **Start Button** on the Eliminator Next Gen – Touch to start a race
    - Gray – User is not staged or a sensor is not detected (cannot start a race)
    - Black – Ready to start a race
  - **Start Switch** on the Track Interface Box – Press and hold to start a race



**Note:** Image from Dual Lane Test Track but also applies to Single Lane Test Tracks

## Reset Information:

Once a race is started, if a vehicle is not able to trigger the finish sensor (finish the race), the **Reset Switch** on the Track Interface Box should be pressed to end the race. When the Reset Switch is pressed, the final ET displays as 65.000 seconds.