

### **Timing Monitor:**

- **The Timing Monitor feature produces a 0-5v analog output that represents the ignition timing. A TDC pickup is required for this feature. This 0-5v signal can be monitored by any data acquisition system that accepts a 0-5v analog input.**

### **Autoshifter:**

- **Each shift, 1-2, 2-3, 3-4 and 4-5 has it's own Time and RPM value. The Autoshifter will set a 12v output upon each shift that can be used to turn on an air valve to shift the transmission. The time value is an inhibit time that prevents the gear change until the time has elapsed and the RPM is met. Time and RPM values can be edited via the keypad or by PC software.**
- **If the RPM for a specific gear change is not met before the next gear change inhibit time, that specific gear output will turn on when the next gear change inhibit time is met. This is a safety feature which allows you to shift via time or Rpm**
- **The Autoshifter also has a manual up and down shift input which can be wired to a toggle switch in the car to allow manual shifting during the burnout.**