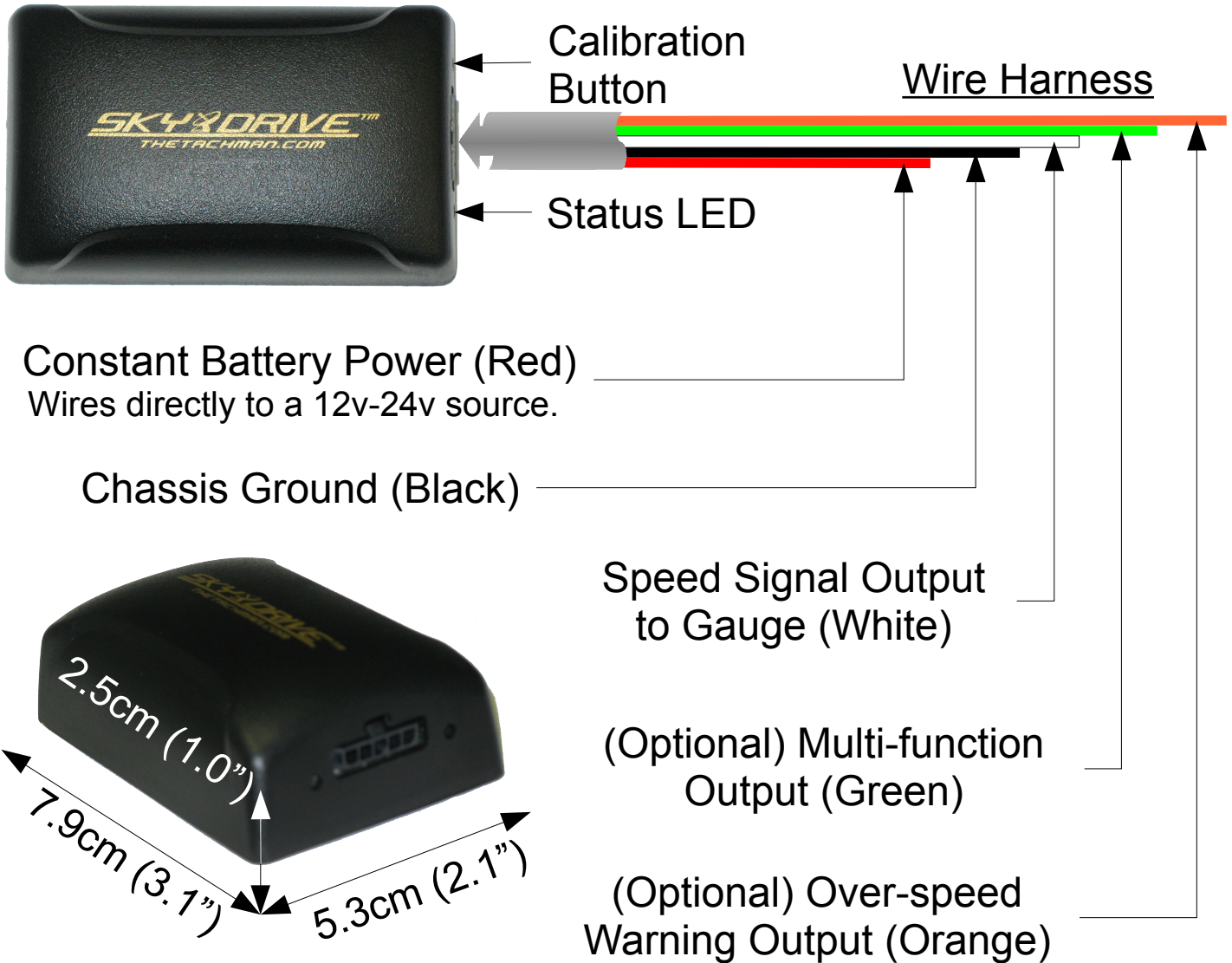


# Installation Instructions



Constant Battery Power (Red)  
Wires directly to a 12v-24v source.

Chassis Ground (Black)

Speed Signal Output  
to Gauge (White)

(Optional) Multi-function  
Output (Green)

(Optional) Over-speed  
Warning Output (Orange)

**Optional Ignition Output:** This wire (GREEN) produces an alternatively generated ignition power source based on the motion of the vehicle. **This wire is used in vehicles where there is no switched ignition power source.** The ignition power is switched on once the Sky Drive determines that the vehicle is moving, and is switched off after the vehicle has been stationary for 5 minutes. This wire is capable of providing up to 1.5A of current.

**Optional Over-speed Warning Output:** This wire (ORANGE) can be used as an over-speed indicator, able to drive a lamp or relay up to 1.5A in the event of over-speeding. The over-speed limit is programmed quickly and easily, similar to the speedometer calibration procedure (more information below).

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## Sky Drive GPS Sensor Mounting

- The optimum mounting location for the Sky Drive is any location inside the vehicle where it will have a clear view of the sky. This will guarantee a good satellite signal and trouble free speedometer operation.
- In some cases, the Sky Drive will still get adequate satellite reception even without a clear view of the sky. If you are planning on “hiding” the Sky Drive where it doesn’t have a clear view of the sky, we recommend that you thoroughly test the Sky Drive in that location before permanently fixing it in place. Leave the wiring harness long to allow for repositioning, in case the Sky Drive does not perform well enough and needs to be moved. Once a good location is established, you can then permanently mount the Sky Drive.
- The best way to determine if a mounting location is adequate for the Sky Drive is to test it for a day. Make sure that the speedometer operation is smooth, accurate and uninterrupted.
- The status LED is invaluable when setting up the Sky Drive. The status LED will be RED when the Sky Drive is powered but has not acquired a satellite signal. The status LED will be GREEN when the Sky Drive is powered and has acquired a satellite signal.

## Sky Drive Wiring

- Connect +12VDC or +24VDC constant power to the RED wire of the Sky Drive harness. The Sky Drive requires between 1 and 4 minutes to acquire a good satellite signal upon power-up. If switched power is used, this initial signal acquisition will be required every time power is applied before the speedometer will work. The Sky Drive requires very little power (approx. 60mA) and will not run your vehicle’s battery down under normal driving conditions. Power should be removed, however, if the vehicle will be in storage for any length of time.
- Connect a good chassis ground to the BLACK wire of the Sky Drive harness.
- Connect the WHITE wire of the Sky Drive harness to the signal wire (or terminal) of the speedometer.

**Safety Warning:** Using the Sky Drive speed signal (WHITE) for cruise control may cause the vehicle’s cruise control module to stop working if the satellite signal is lost, and begin working again unexpectedly once the signal is restored. This is a potential safety hazard, and we do not recommend using the Sky Drive in this way.