

GPS Max Speed Module

(GPS-MS)

The GPS-MS module will allow you to check the maximum speed of your RC Aircraft or RC Vehicle. It requires 7.4 Volts which can easily be tapped off any Li-Po Battery balance connector from 2S and up. The GPS-MS power connector simply plugs into the Li-Po battery's Balance connector (see below).

The Max Speed is recorded and stored in onboard EEPROM memory so that even if you disconnect the GPS-MS from the Li-Po battery the Max Speed is not lost.

User Instructions:-

- 1- Plug the GPS-MS power cable into the Balance connector of your RC Aircraft or RC Vehicle being careful to orient the RED wire of the GPS-SM connector towards the RED (+) wire of the Li-Po Battery balance connector. With larger than 2S batteries the GPS-MS power connector can be plugged into any balance connector pins as long as the RED wire of the GPS-MS connector is facing the Li-Po Red (+) balance wire.
- 2- Once power is supplied to the GPS-MS module the 7 Segment Display will light the Top then the Middle and then the Bottom of the Display to show that the GPS.MS module has Booted/Started correctly.
- 3- The display will stay OFF until a GPS Lock has been established. Once a GPS Lock has been attained, the Middle segment of the 7 Segment Display will flash slowly. The GPS-MS Module is now ready to record Max Speeds.
- 4- To display the Max Speed at any time, press and hold the Push Button located just above the 7 Segment Display until the Middle segment flashes rapidly then hold the button for one (1) second and release. The 7 Segment will now flash three (3) sequences of three (3) digits of the speed recorded. To see the Max Speed again redo step # 4.
- 5- To reset the Max Speed to Zero (000), press and hold the Push button just above the 7 Segment Display until the Middle segment flashes rapidly then hold the button for at least five (5) seconds and release. The Max Speed is now Zero (000). You can also reset the recorded Max Speed to Zero (000) by pressing and holding the Push Button while applying power to the GPS-MS Module.
- 6- The GPS-MS Module must be mounted with the Antenna and 7 Segment Display facing towards the sky without obstructions.

Specifications (PCB GPS2):-

Reverse Voltage Protected

Voltage: 7.4 Volts to 12.0 Volts

Max Current: 53mA

Speed Range: 000Kph to 999Kph

GPS Lock: 6 or more Satellites

