



INTRODUCING

GPS-AG50

Life Racing is proud to introduce its newest product, the **GPS-AG50**. This is a world's first true **50Hz** low latency GPS module with combined **6-axis** motion pack designed for the professional motorsport industry.



**6-axis
Motion Pack**



50Hz GPS



External Aerial



GPS-AG50 uses advanced correction from SBAS (WAAS / EGNOS) to achieve high levels of positional accuracy to within **2.5m** and stores satellite information when powered off by means of a rechargeable lithium battery, allowing hot starts in under **3 seconds**.

The motion sensor pack consists of a 3-axis accelerometer up to **$\pm 16G$** and a 3-axis gyroscope up to **$\pm 1000\text{deg/s}$** with individual software programmable filtering levels. All GPS and motion sensor information is available on CAN with update rates of up to **1000Hz**.

The unit is enclosed in a compact light weight **IP67** CNC machined case measuring **20x50x50mm** with a single ASX Autosport connector and external aerial allowing **GPS-AG50** to be AV mounted in space-limited locations.

