

G-Series Product Release

October 2012

monit | rally



For 2013 Monit introduces the new G-Series of professional GPS+ rally computers. This range will replace the existing T-Series which will be discontinued at the same time. The G-Series has all the features of the T-Series with the addition of a high-sensitivity GPS receiver. This allows the unit to measure distance and speed without the need for a traditional wheel speed sensor, greatly simplifying installation and improving reliability.



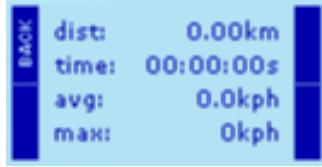
Integrated GPS Receiver

The high quality internal receiver fits into the same case as the original T-Series, making the G-Series extremely compact and easy to install. The receiver uses an external roof mounted antenna that provides excellent reception in most environments.



GPS+ Sensor Fusion

The G-Series can measure distance and speed using either the GPS satellite signal or a traditional wheel speed sensor, or both. If both are used the proprietary GPS+ software automatically switches over to the wheel sensor if the GPS signal is lost. This means that accurate operation can be maintained even in tunnels or dense forest cover where the satellite signal might be degraded.



Stage Recorder (G-200 only)

A new software function allows convenient recording of stage data using a foot switch input. Simply press the switch at the start and end of a stage to record distance, time, average and maximum speeds. The timer starts automatically when the vehicle moves off the start line.

Backup Battery

Distance and clock settings are maintained for up to two weeks if main power is removed. Ideal for vehicles on multi-day events.

Model Range

There are two models in the G-Series range. The entry level G-100 is aimed at competitors who only require basic functions while the G-200 is fully featured and includes a time-of-day clock and fuel measurement system.



Description	Q-10	Q-20	G-100	G-200
Total distance counter	Yes	Yes	Yes	Yes
Interval distance counter	Yes	Yes	Yes	Yes
Current speed		Yes	Yes	Yes
Average speed		Yes		Yes
Maximum speed			Yes	Yes
Stopwatch			Yes	Yes
Time of day				Yes
Fuel gauge				Yes
0-60mph performance timer			Yes	Yes
Quarter mile performance timer				Yes
Programmable remote inputs	1x	1x	2x	2x
Kph/mph operation	Yes	Yes	Yes	Yes
Special Stage Recorder				Yes
GPS+ Technology			Yes	Yes

Antennas

All G-Series units require an external antenna to receive the GPS signal. This is an additional item that must be purchased separately. There are two types of antenna available depending on the customer's requirements.



PR004 - Magnetic Mount Antenna

Attaches to roof using a strong magnet. If required it may be fastened more securely using adhesive tape.

PR005 - Bulkhead Mount Antenna

Includes an integrated mounting bolt with the signal wire coming out of the centre. Recommended for permanent installations.