

## GPS-L5

Part Number #41305

### Basic specifications

#### Inputs

- Power supply 5 V

#### Communications

- 1 x RS232
- Baud rate: 19200

#### Physical

- Unit size: 48 mm x 41 mm x 14 mm
- Weight: 106 g
- 1 x 4 pin DTM connector with 3 m flying lead
- Mounting: Magnetic Base

### Other information

#### Compatibility

- MoTeC Dash/Data Loggers (excl. original ADLs)
  - ACL/ADL3/ADL2/SDL3/SDL
- MoTeC 'Hundred Series' ECUs: M400, M600, M800, M880 (v3.51U2 and up)
- M84 ECU (v1.10K2 and up)

#### Important

The GPS-L5 requires a 5V power supply any more than this will damage the GPS.

For detailed specifications, please refer to GPS-L5 User Manual.



The GPS-L5 is a 5 Hz GPS that is suitable for use with MoTeC ECUs and Dash/Data Loggers. It provides speed and position information, as well as altitude, heading, date, time and GPS statistics.

#### Features

- Robust with fast acquisition
- Preconfigured to suit MoTeC 'Hundred Series' and M84 ECUs
- Built-in antenna with a flying lead and DTM connector
- Ideal for marine sports and other applications with no wheel speed
- Can be used as a lap timing alternative to traditional beacons in some applications, e.g. circuit racing.
- Use with MoTeC's **i2** data analysis software to create track maps and compare driven lines

#### Connector and Pinout

| Connector                         |        |                     |
|-----------------------------------|--------|---------------------|
| DTM 4 pin male                    |        |                     |
| Mating connector DTM 4 pin #68054 |        |                     |
| Pin No                            | Colour | Description         |
| 1                                 | Black  | Ground (Battery —)  |
| 2                                 | Green  | RS232 Tx (Transmit) |
| 3                                 | White  | RS232 Rx (Receive)  |
| 4                                 | Red    | 5V                  |