

# AiM Sports EVO Series Data Loggers and Displays

For simple, economical, and easy-to-use data acquisition systems and digital dash displays, nothing beats AiM!



Visit our website for more AiM systems, sensors, and accessories.

## AiM EVO4S and EVO5 Data Loggers

AiM EVO4S Data Logger  
Part No. MC-700-Length



AiM EVO5 Data Logger  
Part No. MC-705-Length



DATA ACQUISITION

The **AiM EVO4S and EVO5 Data Loggers** are powerful yet compact data loggers. Add Data Hubs, Channel Hubs, and TC Hubs (all sold separately, see next page) for virtually unlimited expansion potential. Or simply add sensors (sold separately, see page 39) to use the analog and digital input channels. Both can communicate with thousands of different OEM and aftermarket ECUs to log engine data without adding any other sensors.

**AiM EVO4S Data Logger only, no display** ..... Part No. MC-700-Length ..... \$1,199.00  
Includes RPM harness, ECU harness, GPS antenna (specify 1.3m or 4.0m cable), USB download cable, and Race Studio software. **Display sold separately.**

**AiM EVO5 Data Logger only, no display** ..... Part No. MC-705 ..... \$1,699.00  
Includes 37-pin Primary harness (analog channels 1-4, speed channel 1, power / ground, coil RPM input, and CAN/K-Line wiring), GPS antenna with 4.0m cable, USB download cable, and Race Studio software. **Display sold separately.**

**22-pin Auxiliary Harness only for EVO5** ..... Part No. MC-711 ..... \$354.99  
Required for analog channels 5-8, speed channels 2-4, both digital outputs, and RS232 ECU wiring connection. Not for EVO4S.

### AiM EVO4S and EVO5 Feature Comparison

Specification	EVO4S	EVO5
ECU Connections	CAN, RS232, K-Line	CAN, K-Line (RS232 with Auxiliary Harness)*
Display	None**	None**
Analog Channels	5	4 (8 with Auxiliary Harness)*
Wheel Speed Channels	2	1 (4 with Auxiliary Harness)*
Digital Outputs	1	0 (2 with Auxiliary Harness)*
Internal Memory	4 MB	4 MB (Expandable up to 128 MB by adding an SD card)
Connectors	13 Screw-in ports	2 Deutsch connectors
Data download	Wired via USB cable	Wireless via secure Wi-Fi
Dimensions	5.2" L x 1.9" H x 1.4" D	4.5" L x 1.9" H x 2.3" D

\* Access to these features requires the addition of the Auxiliary Harness (sold separately).

\*\* Compatible with GS-Dash or Formula v3 Wheel (sold separately).

## AiM Displays for EVO4S and EVO5



**NOTE:** These displays can only display data gathered by an AiM EVO4S or EVO5 Data Logger. They have no data gathering or logging capability and cannot be used alone.



The **AiM GS-Dash** is a flexible, customizable LCD display designed to be driven by the latest generation AiM EVO4S or EVO5 data loggers. The compact (5.1" x 3.2") aluminum housing is small enough to mount on any steering wheel. Five LED shift lights, four LED warning lights, and the screen backlight can all be set to any of seven different colors. The screen offers up to 8 different customizable pages of information.

**AiM GS-Dash, display only** ..... Part No. MC-232 ..... \$429.99  
Requires AiM EVO4S or EVO5 Data Logger, sold separately.

The **AiM Formula Car Wheel** has a built-in GS-Dash display. The 10.7" wide D-shaped wheel is perfect for formula cars and sports racers. The grips are covered in black suede leather, and 3 studs on the back fit your "European" quick-release hub (50mm bolt circle).

**AiM Formula Car Wheel v3 Dash Display only** ..... Part No. MC-307 ..... \$999.00  
Requires AiM EVO4S or EVO5 data logger, sold separately.

**Paddle Shifter Kit for Formula Car Wheel Display** ..... Part No. MC-309 ..... \$274.99  
Bolts to the back of the AiM Formula Car Wheel. No additional wiring required.

**NOTE:** EVO5 will require a CAN Data Hub (sold separately) to connect either of these displays. EVO4S will only require a CAN Data Hub if another CAN Expansion or CAN Peripheral is added.

## AiM CAN Expansions and Peripherals (see page 39 for analog and digital sensors)

AiM loggers make extensive use of the CAN communication protocol developed by Bosch. The CAN bus allows everything on the network to work side-by-side, with virtually no limit to the number of units working together. AiM CAN expansions and peripherals are plug-and-play. There is no math or special wiring required. Just connect the 5-pin "712" (screw-in) connector and go! All of the latest AiM dashes and data loggers (except MXm), as well as the previous generation (MXL, EVO4) can use these CAN accessories.

### CAN Expansions

**4-Port CAN Data Hub for CAN Port, 0.4m cable** ..... Part No. MC-329 ..... \$59.99

**4-Port CAN Data Hub for CAN Port, 1.5m cable** ..... Part No. MC-351 ..... \$59.99  
Connects 4 CAN accessories to a single CAN port. Hubs can be connected in series for virtually unlimited expansion potential. All ports are 5-pin "712" (screw-in) type.

**4-Port Channel Expansion Hub for CAN Port** ..... Part No. MC-331 ..... \$249.99  
Connects 4 analog sensors (or 2 digital sensors and 2 analog sensors) to a single CAN port. Input ports are 4-pin "712" (screw-in) type. Requires adapter cables for each sensor.

**4-Port TC (Thermocouple) Hub for CAN Port** ..... Part No. MC-223 ..... \$249.99  
Connects 4 thermocouples to a single CAN port. Input ports are 3-pin "712" (screw-in) type. Requires adapter cables for each thermocouple.

**CAN Extension Cable, male 5-pin to female 5-pin** ..... Part No. MC-261-Length .. \$39.99  
Specify 1 meter, 2 meters, or 3 meters.

### CAN Peripherals

**GPS08 Module, specify 1.4m or 4m cable** ..... Part No. MC-257-Length \$299.99

**GPS08 Module, Roof-Mount, 4m cable** ..... Part No. MC-258-4.0m... \$299.99

GPS08 is the latest GPS module, able to communicate with both GPS and Glonass satellites. This doubles the number of available satellites for unmatched precision and signal reliability. All electronics are built into the antenna, with no separate box to connect.

**LCU-One Lambda Controller with Bosch O2 Sensor** .... Part No. MC-219 ..... \$399.99  
Provides air-fuel mixture information, Lambda values and stoichiometric point (configurable for 4-stroke gasoline, diesel, or alternative fuel engines), and oxygen sensor temperature and diagnostics.

**MemoryKey for MXL or EVO4 only** ..... Part No. MC-315 ..... \$124.99  
32MB memory expansion. Unplug it with the engine on or off and it will save the session. Assign one to each driver on your endurance racing team and switch them during driver changes to keep track of what's happening (or for the drivers to compare their techniques). Rotate them while making chassis adjustments on test days and you'll see the effect of changes before the driver can even give you his opinion!

**Memory Module for MXL2, MXS/MXG, EVO4S/EVO5** . Part No. MC-720 ..... \$179.99  
This memory expansion accepts an SD memory card up to 128 GB (4GB included). Cards can be removed while the engine is running with no loss of data.