



AiM Webinar
"AiM Sports Hardware"
3.9.21
Edited Q&A

1 **Q:** Does Corning Inc supply their Gorilla Glass for these systems?

A: [Answered live at 14:21]

2 **Q:** Does there seem to be a demand for a 1.2 version of the MXL2?

A: [Answered live at 22:20]

3 **Q:** Can you talk a bit about the operating systems loaded onto the dashes and what software you use to design the hardware?

A: [Answered live at 22:55]

4 **Q:** Can you repeat what the programmable CAN resistor is again?

A: On the 1.2 systems there is a 120 Ohm resistor that can be enabled or disabled in the configuration. Usually, it should be enabled because the communication line needs 120 Ohms of resistance at each end. It should be disabled in the event that the logger is in the middle of the CAN communication line with the ECU and another CAN device at each end.



5 Q: Does the speed of the microcontroller determine the max frequency of a sensor?

A: [Answered live at 28:51]

6 Q: The RIO02 enclosure is plastic, which is unusual, as almost all previous enclosures have been aluminum. What drove that decision and is it molded or 3D printed?

A: [Answered live at 31:23]

7 Q: Like the PDM dashes, does the new AiM/Radical Formula Wheel also communicate with the PDM via LVDS cable?

A: No, the Formula Wheel will communicate through the CAN bus as a separate device.

8 Q: Will the GPS09 work with older systems such as the Evo4S?

A: Yes, it will work but the firmware must be up to date.

9 Q: Does the GPS09 work with the Evo4?

A: No, the GPS09 will only work with newer devices that are managed with RaceStudio3.

10 Q: Was there a GPS06 or GPS07?

A: Not released to the public but possibly an internal designation.

11 **Q:** Does the GPS09 replace the GPS08 as the “default” that ships with new dash-loggers, PDMs, etc.?

A: Yes.

12 **Q:** Does the GPS09 Pro have a 3-axis accelerometer?

A: Yes, 3 axis +/- 16G accelerometer, 3-axis gyro, and 3-axis magnetometer.