



AiM Webinar
"Digging Deeper into Alarms"
8.20.20
Edited Q&A

- 1** **Q:** How can you setup a "wheelie" conditional alarm using the inertial platform and GPS data?
I.e. not only just the GPS slope or accelerometer, but how can you detect the actual vehicle pitch angle?

A1: I think that might be a bit out of reach to achieve with just GPS and accelerometers. Developing an analysis channel may be a possibility or maybe if some more sensors were added.

A2: What I've seen people doing is applying an alarm to suspension potentiometers, as the math now available in the firmware are limited, if compared to software.

A3: [Answered live at 6:38]

- 2** **Q:** Will there ever be a firmware update to allow us to assign alarms to the LEDs of the Solo2 DL?

A: I don't think that would be likely. Our products are tiered. The Solo2/DL is the entry level and is not going to have all the function of one of the full dash/loggers.

- 3** **Q:** Since several constants can be defined for math channels and some of these may be track and/or car dependent, is there a way to have constants loaded from a file or change a file that is loaded?

A: In RS2A the only way to do this is to create constant math channels and save them into files that can be reloaded when needed.

4 **Q:** Can adding too many alarms slow down the system?

A1: You can add quite a lot. Like any computer, the processors do have a limit to what they can handle. With a huge amount of alarms, I have seen some problems in older units. The new MXS 1.2/MXP/MXG 1.2 have much better processors and can handle more.

A2: If you are having problems with this, send the configuration you'd like to achieve to firmware@aim-sportline.com and we can help.

5 **Q:** How would you setup a series of lights to show if the driver is getting close to max braking? Say first light at -1 G and all lights at at -1.5 G. Like shift lights but for braking.

A: Set a singular alarm for each threshold you wish. Then set the light/color you desire to turn on. You could even overlap the same LED, by setting the priority.

6 **Q:** Does the Evo4S with GS-Dash have the ability to do a low oil pressure alarm?

A: Yes. The alarms for the Evo4S/GS-Dash are virtually the same as the MXG 1.2 configuration we're currently looking at.

7 **Q:** Will you cover the details of the pit speed lights?

A: [Answered live at 40:07]

8 **Q:** I noticed that some of icons are capable of changing color. Is it possible to do this with your own icons?

A1: Yes.

A2: [Answered live at 53:55]