



AiM Webinar
“Configuring Alarms in RaceStudio3”
5.14.20
Edited Q&A

1 **Q:**Is any of this for MyChron5?

A:For the Mychron5, all of the LED management is done in the display menu of the unit itself.

2 **Q:**I can't find the 'Shift Lights and Alarms' tab. He is apparently using a different version of RS3. (Evo4S)

A:If you are using an EVO4S/5 with a GS-Dash you will need to go to CAN Expansion > double click on the GS-Dash and then select the shift lights and alarms tab.

3 **Q:**Any comments on color profiles? different teams use different schemes. why?

A1:I've heard some psychoanalysts say that you interpret certain colors quicker. Red for example is a danger color in nature. I would believe some teams use their own colors so you may not know their function. Such as blue = cool and red = hot for most all users. If you deviate from that some people may be left guessing.

A2:[Answered live]

4 **Q:**How do you set the shift lights to flash?

A:They flash automatically when the highest threshold is reached.

5 **Q:**Is there any way to make the shift lights flash before the last light?

A:No. You would need to move the highest RPM point to where you wish it to flash.

A2:You can use an alarm to manage the over-rev and have a bit more flexibility in how long to hold the light on.

A3:I normally advise people to tune the last light according to the driver's reaction time (different in every gear, as engine is revving with different speed).

6 **Q:**Where is this for Solo2 DL?

A:In the LED-Bars tab. The Solo2DL only has lights for predictive lap time or shift lights though, no alarm lights.

7 **Q:**Are the inputs for the alarms through OBDII or separate inputs into the system?

A:Yes to both. It just depends on where the logger is getting the info the alarm is set for. Once the information enters the device as a 'channel' it can be used to trigger alarms.

8 **Q:**Does the "display measure" imply that measure is already on that page, or will it put it on the message bar?

A:Display measure allows you to change the color of the digital value on the display. This is very useful, but you must make sure you are displaying the channel in your display tab.

9 **Q:**Has anyone found a good way to label the alarm LEDs?

A:They can be color coded, you can add pop-up messages to important ones, or use a label maker to physically put labels next to each LED.

10 **Q:**Can measure colors be used for lap time measures (such as +/- Best time green if it's negative and red if it's positive)?

A:Yes! I set mine up like this: the channel to monitor is the "+/- best time". Condition = "greater than" and I use 200ms.

11 **Q:**Do the alarms that are triggered appear in the data or do you just get the underlying measure data?

A:You can use status variables if you wish to record alarms in the data as a separate channel.

12 **Q:**Can alarms be tied to a CAN signal from the ECU such as traction control active?

A:Sure. Lights can be associated to any channels, so if that channel is received by the data logger, we can create an alarm for it.

13 **Q:**In Analysis, multi-view settings shows up sometimes. What is it for?

A:We did a video on that. See the link here:

<https://youtu.be/IuDvchVz1TI>

14 **Q:**How many amps is the MXS able to output?

A:The MXS 1.2 / MXP / MXG 1.2 / Evo4S / Evo5 can all output 1amp max.

15 **Q:**On the MXL2, does the 'closed to ground' send 12v out?

A:Close to ground sinks the output to ground for activating the 12v side of the relay coil.

16 **Q:**Using the Evo4S and GS-Dash, I cannot find any option for changing color of value on the dash. I can only change color of lights and only have 4 lights on the dash. Is this just a limitation of the system I use?

A:It is not a color screen, so color changing is not an option. The GS-Dash is slightly limited if compared to MXG 1.2 / MXP / MXS 1.2

17 **Q:**Can using alarms for predictive lap timing be done with a Mychron5?

A:No, the Mychron5 is a little more limited as far as alarms. You can use the 5 top LEDs for predictive time though!

18 **Q:**Is it possible to trigger CAN output message by alarm? Like tell a PDM to do something?

A:This can be done using status variables. Set the status variable, just like you would for an alarm, and you can output the value using CAN output.

19 **Q:**How do you manually active that alarms to test them?

A:With the logger connected to RS3, look for “force channels values” in the live measures page.

We expect to do an additional video on this subject soon.

20 **Q:**May I download configurations of systems I do not have to just work with the software?

A:Sure! You would only have to download RS3 from our website (aimsports.com). From there you can go to the configurations page and create a configuration for any unit you want. You can also download the configuration Matt used during this video from a link in the video description.

21 **Q:**How many relays can you control through the dash? Where are the ground triggers to control the relay found?

A:[Answered live]

22 **Q:**To my knowledge, you can't clear individual alarms, correct?

A:You can clear via push button, condition no longer met, etc. It will only clear the alarms that have the same "clearing" condition met but, unfortunately, it will clear all alarms with this condition.

23 **Q:**Can you import CSV data to RaceStudio3 in the free version?

A:There's only 1 version of RS3 and it is free! But we don't import data in RS3 right now.

24: **Q:**Any motorcycle guest speakers/presenters planed?

A:
[Answered live]