



AiM Webinar
“Measuring Driver Fitness”
12.15.20
Edited Q&A

- 1** **Q:** Are these unique sensors or do they use the industry standard ANT+ communication for sports fitness?

A: [Answered live at 18:21]

- 2** **Q:** I presume these sensors will operate on a CAN bus. How many of these could the MXL or MXm handle?

A: The MXL (and all older units managed by RaceStudio2) – None. It has no programable CAN bus.

The MXm (and Evo4S, Solo2 DL) – Could be made to work. It only has one CAN bus, so if you’re not using that for ECU communication or, if you have the CAN ID information, you could incorporate both ECU and sensors into one protocol. Either way, it would help a great deal to be familiar with writing CAN protocols.

The easiest way would be to get a unit that has two CAN buses (Evo5, MXL2, MXS 1.2, MXP, MXG 1.2, PDM32)

- 3** **Q:** Can these sensors be made to work on an Evo4S?

A: [Answered live at 15:17]

- 4** **Q:** Can you use data from Garmin/Apple watches with PulseOX?

A: [Answered live at 29:50]

5 **Q:** Have any studies been done to prove that drivers in good shape will perform better later in a race?

A: [Answered live at 39:00]

6 **Q:** What is a KPI to look out for pertaining to sensory overload (i.e. taxing the drivers mental bandwidth), and its impact on heart rate?

A: [Answered live at 59:29]

Link to the video referenced: <https://www.youtube.com/watch?v=OHXnVuFDQew>