

AiM Infotech

AiM 0-50 PSI pressure sensor configuration with Race Studio 3

Release 1.01



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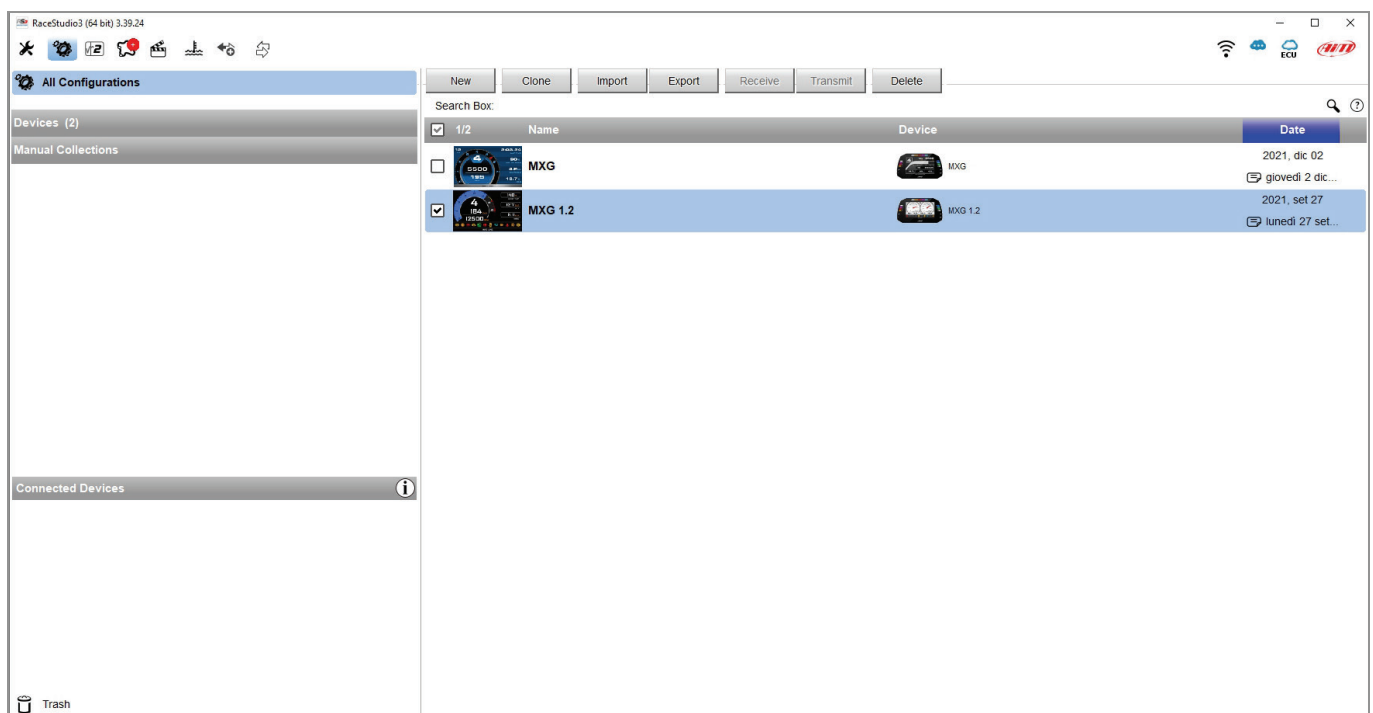
Introduction

When the sensor is physically connected to one of the device channels, you need to load it in the related configuration with AiM **Race Studio 3** software.

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Setup with Race Studio 3

To load the sensor in the configuration, with the device switched on and connected to the PC, run the software and select the configuration where to load the senso on (MXG 1.2 in the example).





The software enters “Channels” layer: select the channel where to load the sensor on and fill in the panel that is prompted.

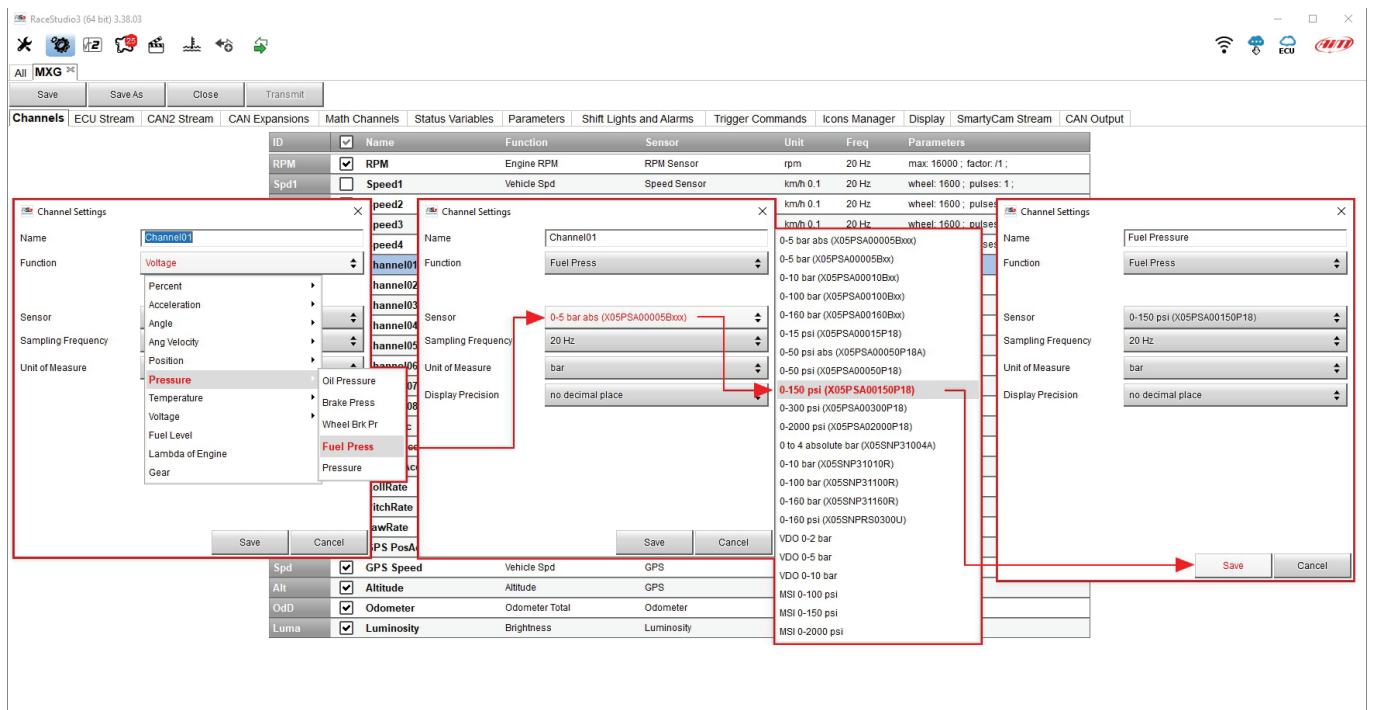
Please note: different AiM devices have a different channel management; this is why the setting panel is different according to the device that is being configured.

AiM devices that manages the channel as **analog** only are:

- SW4
- EVO5
- EVO4S
- MXL2/MXG/MXS/MXS Strada
- MXm
- MXK10 Gen4
- MXK10 Gen5

To set up the sensor:

- click the channel there to load the sensor on
- “Channel setting” panel is prompted: select the function “Pressure” and pressure type among:
 - Oil Pressure
 - Brake Pressure
 - Wheel Brake Pressure
 - Fuel pressure (as in the example)
 - Pressure
- the software will set a sensor: click it and select “0-150 psi (X05PSA00150P18)”
- Press “Save”



The screenshot shows the RaceStudio3 (64 bit) 3.38.03 interface. The main window displays a list of channels with columns for ID, Name, Function, Sensor, Unit, Freq, and Parameters. The 'Channels' tab is active, showing a list of channels including RPM, Spd1, and Speed1. A 'Channel Settings' dialog box is open for 'Channel01', showing the 'Function' set to 'Fuel Press' and the 'Sensor' set to '0-150 psi (X05PSA00150P18)'. The 'Unit' is 'psi' and the 'Display Precision' is 'no decimal place'. The 'Save' button is highlighted in red. Below the dialog box, the 'Parameters' tab is visible, showing a list of parameters including 'GPS Speed', 'Altitude', 'Odometer', and 'Luminosity'.

AiM devices that manages the channel both **as analog and as digital** are:

- MX2E
- MXS 1.2/MXP/MXG 1.2
- MXS 1.2 Strada/MXP Strada/MXG 1.2 Strada
- MXL2/MXG/MXS/MXS Strada
- MXsl

To set up the sensor:

- click the channel where to load the sensor on
- "Channel setting" panel is prompted: select "Analog" management
- select "Pressure" function and the sensor type among:
 - Oil Pressure
 - Brake Pressure
 - Wheel Brake Pressure
 - Fuel pressure (as in the example)
 - Pressure
- the software sets a sensor: click it and select "0-150 psi (X05PSA00150P18)"
- Press "Save"

