

AiM Infotech

Configuration of AiM 0-5 bar absolute pressure sensor with Race Studio 3 software

Release 1.03



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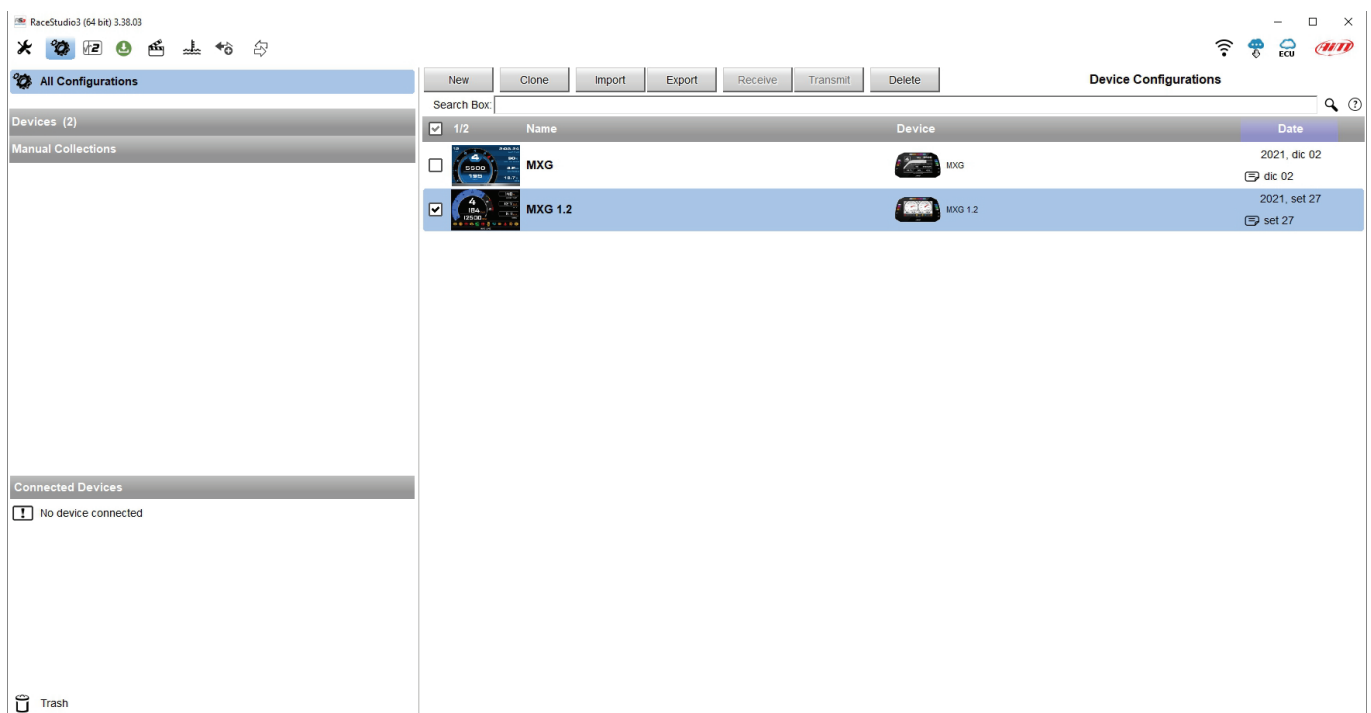
Introduction

Once pressure sensor 0-5 bar absolute is physically connected to one of the device channels, it has to be loaded in the related configuration using AiM **Race Studio 3** software.

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Setup with Race Studio 3

To load the sensor in the configuration, keeping the device switched on and connected to the PC run the software and select the configuration where to load the sensor 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.

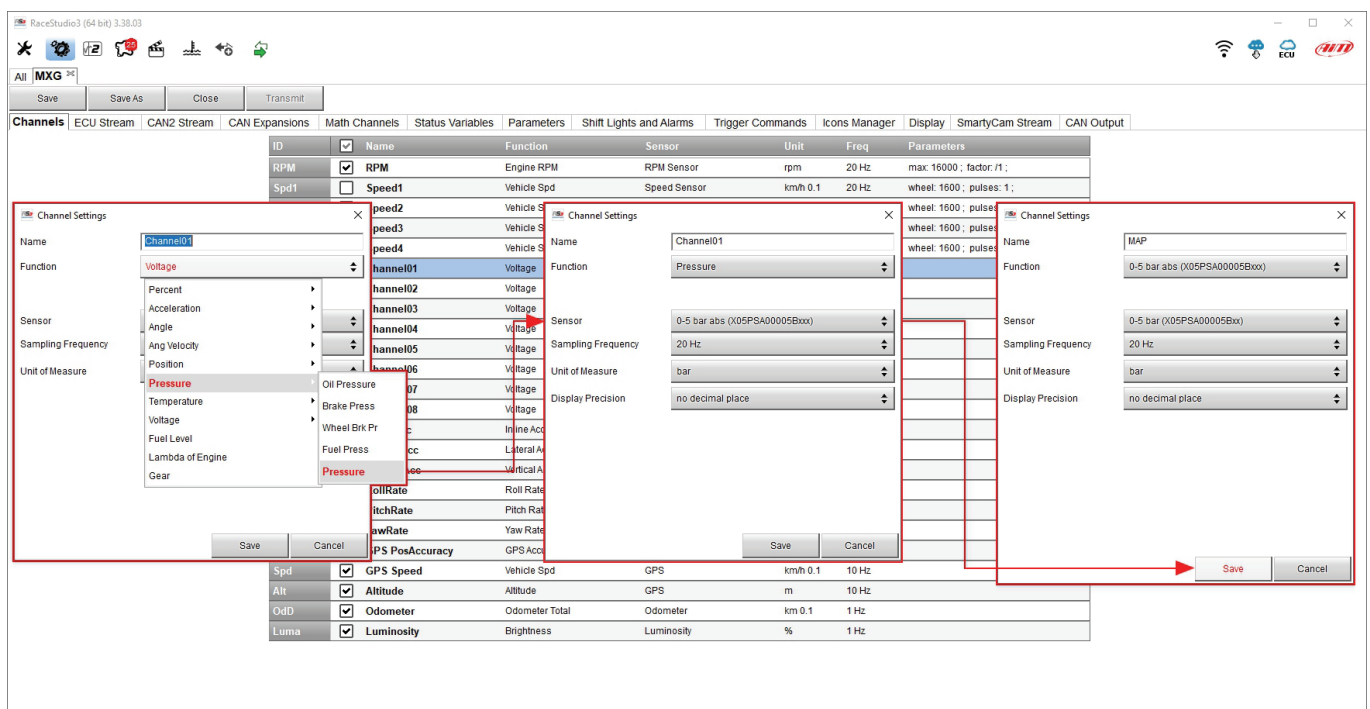
Please note: different AiM devices have a different channels management; this is why "Channel Settings" is different according to the device to configure.

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

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

To configure the sensor:

- click the channel where to load the sensor on
- "Channel setting" panel is prompted: select the function "Pressure" and the pressure type "Pressure" (generic pressure)
- the software sets "0-5 bar abs X05PSA00005Bxx"
- press "Save"



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 configure the sensor:

- click the channel where you want to load the sensor on
- "Channel setting" panel is prompted: select "Analog" management
- select configuration function "Pressure" and pressure type "Pressure" (generic pressure – as in the example):
- the software sets "0-5 bar abs X05PSA00005Bxx" sensor
- press "Save"

