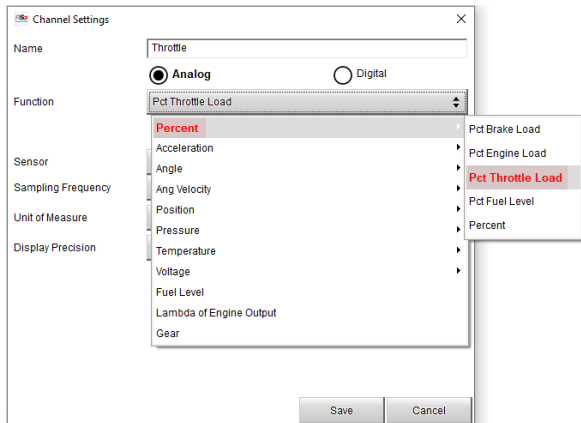


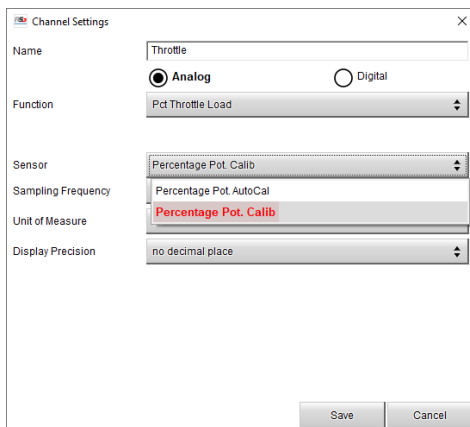
Setting Up and Calibrating a Throttle Position Sensor in Race Studio 3

Select the Channel you have the sensor attached to and name the channel **Throttle**, **TPS** etc.

Then click on the Function pulldown box. Select **Percent** and then **Pct Throttle Load**.



Next click on the Sensor pulldown box. Select **Percentage Pot. Calib**.



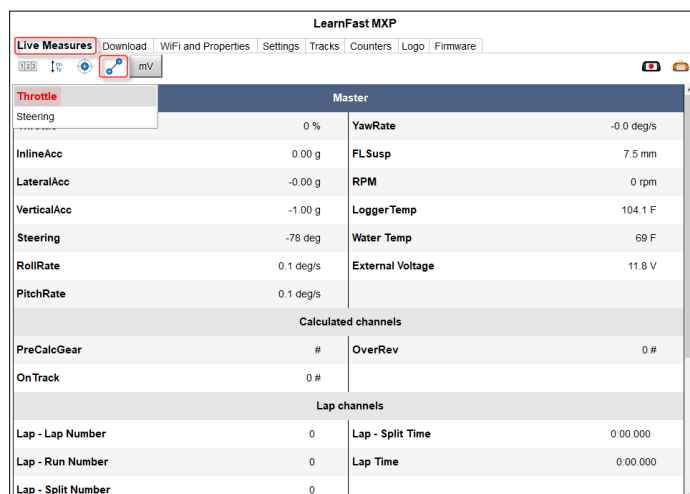
Set the Sampling Frequency. Many suggest 20 Hz.

The Unit of Measure is % by default and cannot be changed.

Set the Display Precision. I suggest **no decimal place**. To finish the Channel settings, click on the **Save** button.

Transmit the configuration to the logger by clicking on the **Transmit** button.

After getting the Channel settings correct and transmitted to the logger, go to **Live Measures** and click on the **Calibrate** button and select the **Throttle** sensor from the list.



The first thing to do on this screen is set the values you want your throttle position sensor to display and this will be 0 to 100%. I have set Point A to **0%** and Point B to **100%**.

Next you need to make sure the Throttle is at rest mode or 0% and press on the Set Point A button.

Then push the Throttle to full or 100% and press on the Set Point B button.

Then click on the **Save** button.

Then as a final check, while still in the Live Measures function, press on your Throttle pedal and watch the Throttle value on the RS3 screen and check to make sure that the values move from 0 to 100%. Here the throttle pedal was at 66%.

Here I have clicked on the Throttle value in Live Measures and it is highlighted and displayed along the right edge of the screen and easier to view specific channels in the Live Measures function.