

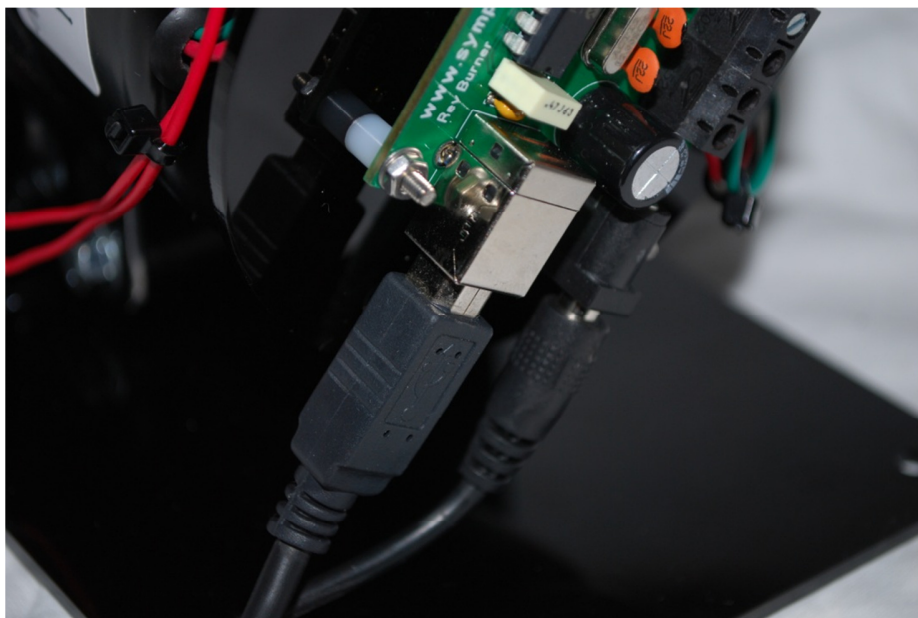
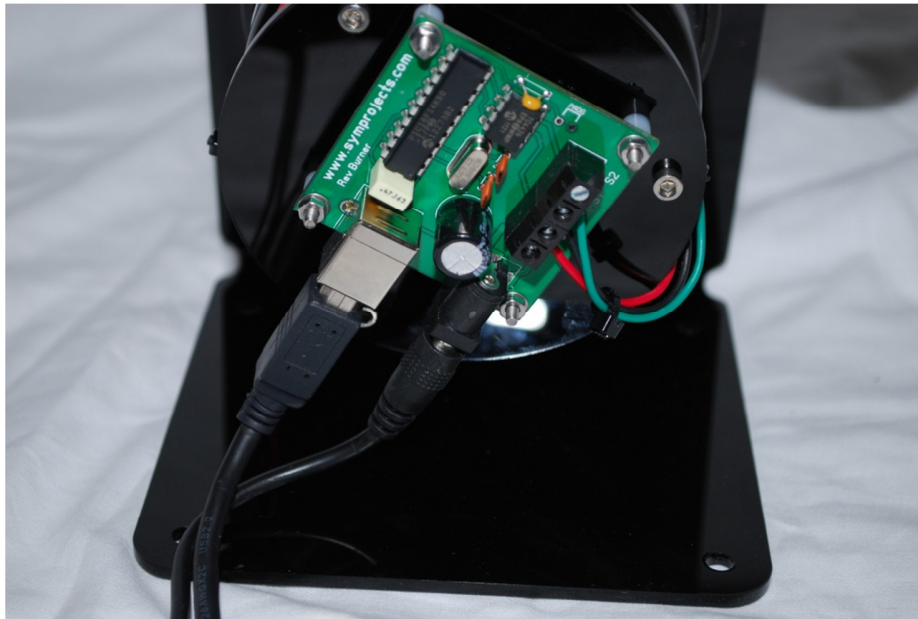
Tach Stand User Manual



Thank you for purchasing an SRH 'Tach Stand' unit! The Tach Stand is designed to be a simple but elegant Plug'n'Play, desktop Rev-counter. Connecting via USB port to your PC and utilizing the powerful but easy to use 'SimDash' software from our partners Symprojects.com, the Tach Stand is the easiest way to install an Analogue Rev-Counter to your rig.

Below you will find setting up instructions and details for use

Once unpacked, you will find supplied with the Tach Stand a wall socket Power Supply Unit and a USB cable. These will be needed to connect your unit to your PC and Power the Rev-counter. Please connect both the USB lead and the Power Supply cable as shown in the picture's below:

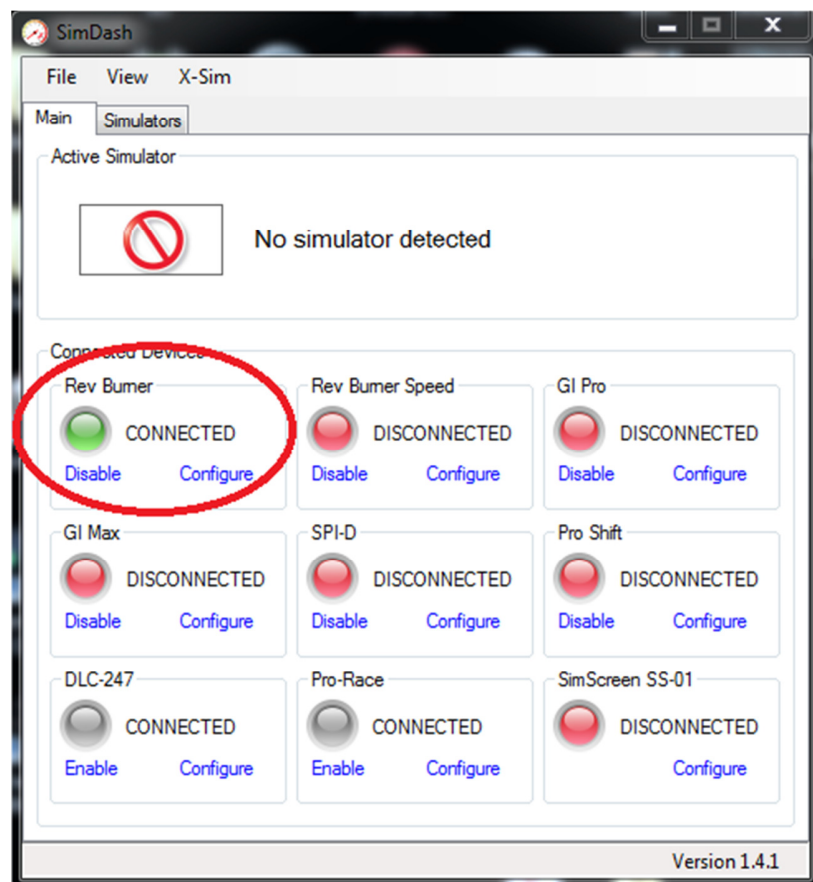


The Unit will then auto install the required drivers for the USB revburner board.

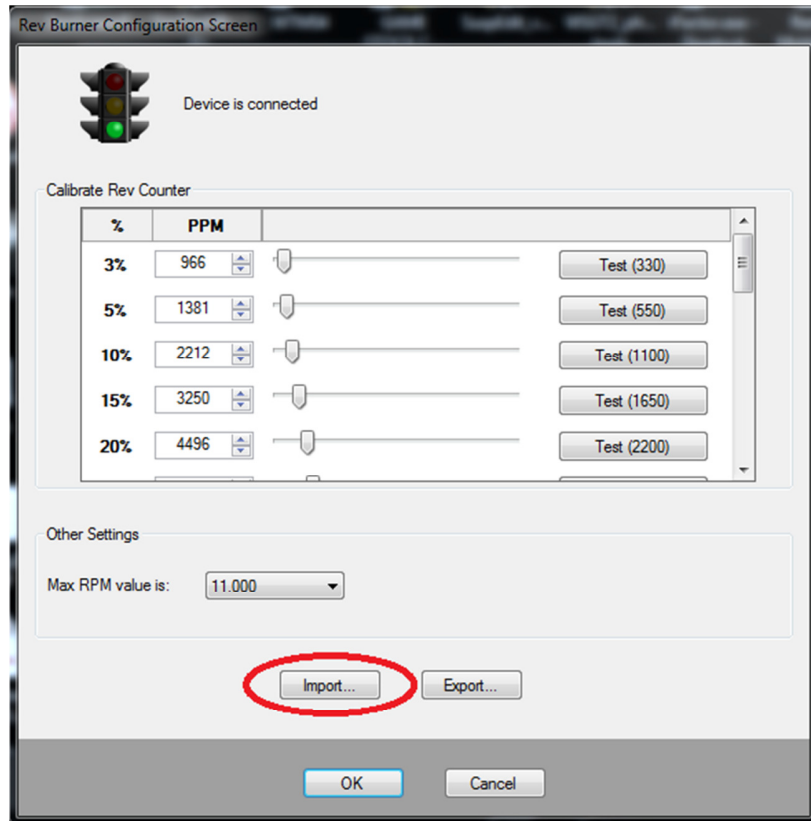
Next you will need to download the 'Simdash' software from here:

<http://www.symprojects.com/downloads/>

Once downloaded, simply un-zip the files and install simdash (following any prompts). Next run simdash and you will see a screen similar to the one shown below (note the red circled area showing the green light to indicate the revburner is detected)



Next click on the word 'configure' in the Rev Burners Box, a calibration screen will appear similar to the one shown below:



You should have received a special configuration file for your Tach Stand when you were sent your dispatch e-mail. The file will be named 'Tach ***.xml' (the *** represents a 3 number code specific to your unit, it can be found on a sticker on the side of the unit). Next click on the 'Import' button (as ringed in the red circle above) and direct it to the Configuration file and click open. You will now be returned to the calibration page, click 'OK' and you're done!

Setting Up Simdash for Games

A detailed setup guide for the 'Simdash' Software can be found here:

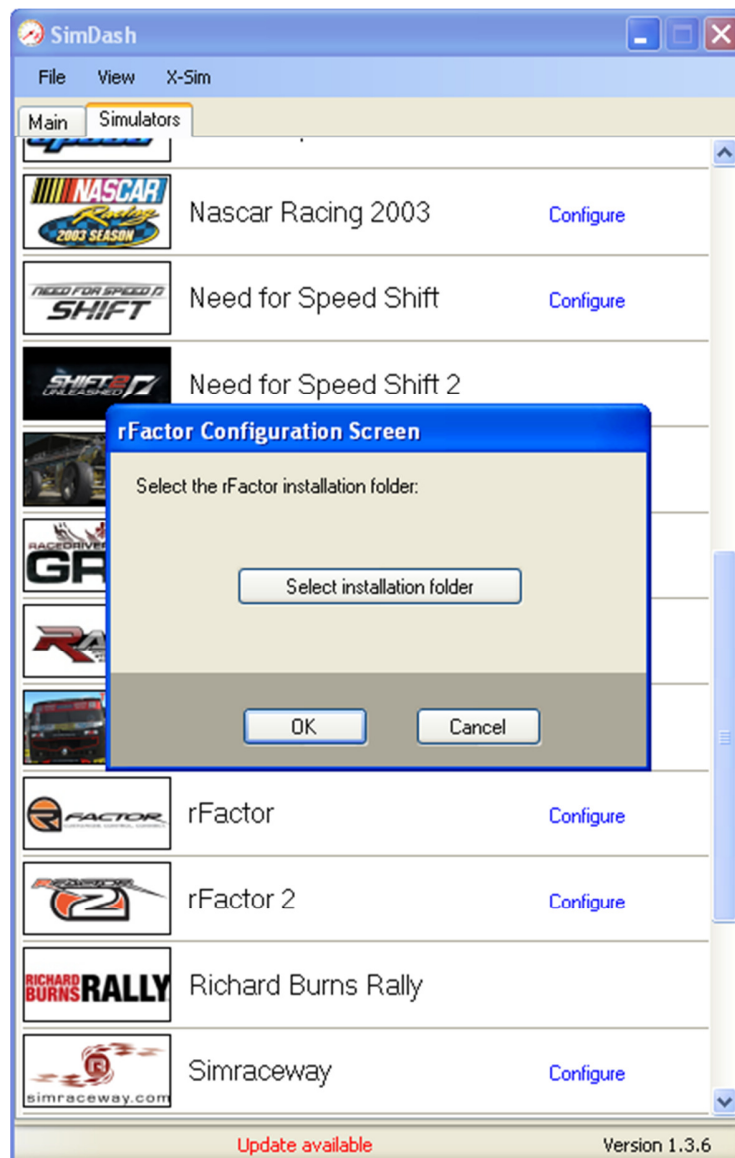
<http://www.symprojects.com/installing-the-software/>

There is a full guide for installing and setting up simdash as well as calibration instructions for the RevBurner, but we have included a few examples below:

SimDash includes a plugin for each of the supported simulators. Some of them need to be configured first. To configure a plugin, select it in the Simulators tab and click the Config button. If the Config button is disabled for a plugin, it means the plugin needs no configuration.

***rFactor 1& 2, Top Race, Turismo Carretera, TC2000, Arca
Sim Racing, Game Stock Car, Simraceway, Kart Racing Pro***

Click the Config link, select the folder where simulator is installed and save by clicking the OK button.



GTR2, GTL, Race07, STCC and GTR Evolution

Edit the file GameInstallationFolder\UserData\PlayerName\PlayerName.plr where GameInstallationFolder is the folder where GTR2 or GTL are installed and PlayerName is the name of your profile in the game.

Find the line:

Write Shared Memory="0"

and replace it with:

Write Shared Memory="1"

Save and close the file.

Dirt2, Dirt3, Grid, F1 2010, F1 2011, F1 2012

Edit the file:

Documents\Codemasters\SimulatorName\hardwaresettings\hardware_settings_config.xml

(replace SimulatorName in the path with the name of the simulator (Grid, Dirt2 o F1-2010))

Change this line:

```
<motion enabled="false" ip="dbox" port="20777" delay="1" extradata="0" />
```

to:

```
<motion enabled="true" ip="127.0.0.1" port="20777" delay="1" extradata="1" />
```

The actual location of the file could be different. It depends on the Windows version and/or the version of the game (Steam or DVD). If you don't find it, do a search for this file hardware_settings_config.xml in the C: drive.

20777 is the default port number - if changed, remember to change it in the plugin settings as well.

Configuring the Rev Burner Plugin

Select the Rev Burner plug-in and click the Config button.

Click the Import button and select the correct profile for your rev counter. The profiles are located in the SimDash\Profiles folder. Choose the profile file with the name that matches the type of rev counter you have. For example, you have a 11000 RPM rev counter, select the file Settings-11000-RPM.xml.

The grid in the centre of the form will be populated with the correct values of pulses per minute (PPM) for your rev counter. The first column contains a percentage and the second column the number of pulses sent to the rev counter every minute.

Check the rev counter and the power supply are connected to the board.

Use an USB cable to connect the board to the PC USB port.

Do some testing. Suppose you have a 11000 RPM rev counter and the Settings-11000-RPM.xml profile has been loaded:

When you click the Test button of the row with the value 20% in the first column, the needle of the gauge is supposed to move to $11000 \times 20\% = 2200$ RPM

If you instead click the Test button of the 50% row, the needle should move to $11000 \times 50\% = 5500$ RPM.

If you find your rev counter is not accurate, for example clicking the Test button in the 50% row the dial moves to 5300 instead of 5500 RPM, move the slider to the left or to the right until the rev counter displays 5500 RPM.

If you need to make small changes, use the up and down arrows, at the right of the PPM value, instead of the slider.




In the Other settings section, type the max RPM value of your gauge.

Click OK to save the settings and close the form.

Click the Export... button to create a backup copy of your profile, which can be restored with the Import... button

Rev Burner 2.0 Configuration



Device is disconnected

Calibrate Rev Counter

55%	8802		Test
60%	9603		Test
65%	10402		Test
70%	11205		Test
75%	12006		Test
80%	12805		Test

Other Settings

Max RPM value is:

8000

Import...

Export...

OK

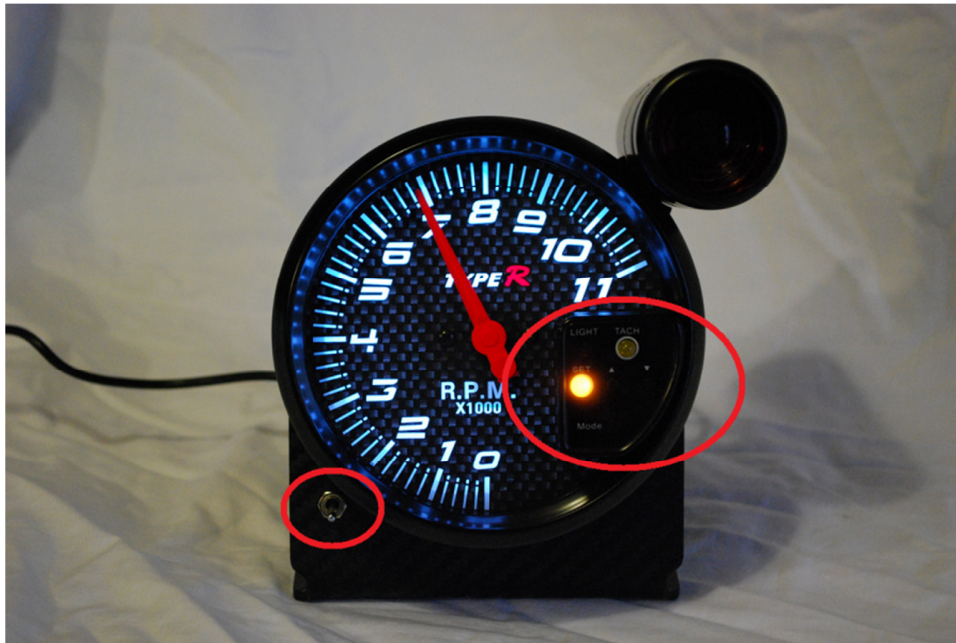
Cancel

Tachometer Controls

The Tach Stand is fitted with a Power On/Off Toggle switch (Highlighted with a red ring in the picture below) so you can easily turn the unit off/on.

On the front control Panel of the Tach (again circled in the pic below) are the controls for the illumination and shift light settings. For the Illumination, simply press the 'Light' button repeatedly to cycle through the available colours or to turn off the back lighting completely.

To set the RPM that triggers the shift light, press the 'Mode' button and use the up and down arrow buttons to set the gauges needle to the desired RPM and simply press the 'Mode' button again to set it and return the unit to normal use.



Notes:

Please note that the shift light on most units will not 'set' above 9,500-10,000 Rpm. This is not a fault, simply a limitation of the Tachometer itself.

The configuration file supplied is unique to your tachometer and is carefully calibrated by us for accuracy, however, due to small variations in power supplies the accuracy can vary slightly.

