

User Manual v 1.0.13

Creative Research & Development
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Introduction

We would like to thank you for interest in our program. It has been in development for many years, and it represents the culmination of a set of exercises that train the core of a racecar drivers skill set.

You will quickly understand and feel the benefits of this training tool. Even if the exercises themselves are trivial, the advantages you get from understanding the exercise and improving your results by identifying the benefits of each single test and knowing where, when, and how to apply the newly gained information will help reduce your lap time, in a real race event or in a virtual race event, quickly.

Adapting in racing is crucial, learn how to do it.

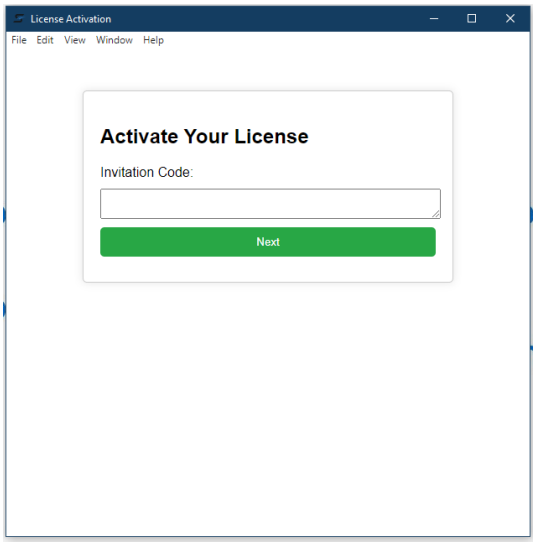
Your track time is limited in a race weekend. Use it wisely, each lap can be your last. Make the best you can in preparing yourself before the weekend.

Installing the Program

Upon receiving the confirmation email, click on the download link and simply run the *Sibra.exe* file.

Activating Sibra Driver Training

When opening the program, you will be prompted to activate your licence. Copy your invitation code from the email into the window and click next. The activation should be done whilst the computer is online. The code is valid once.



Setting up the Controls

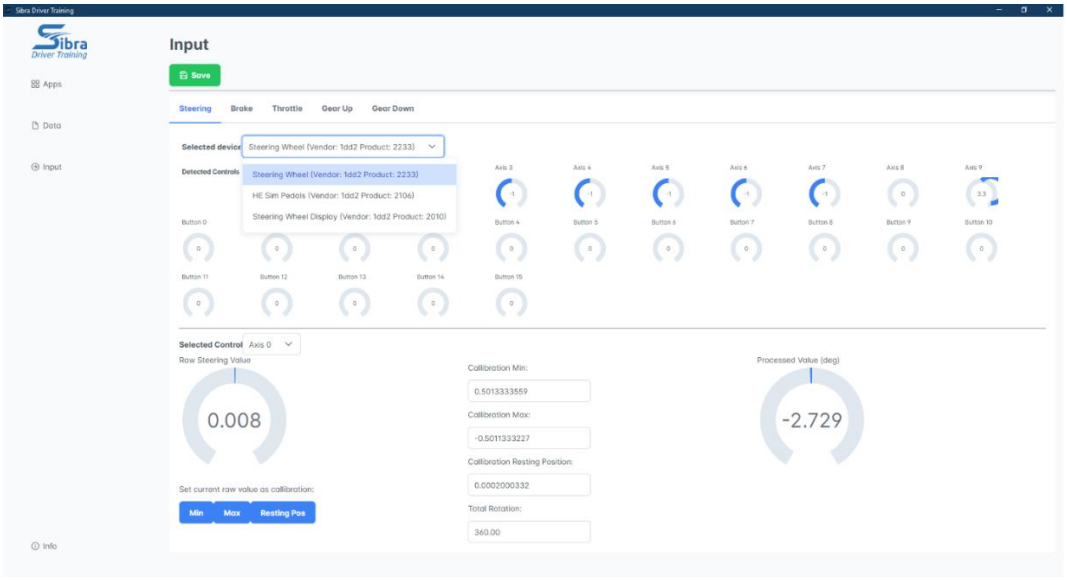
First, set up your controllers, by pressing “Input” button. In the newly opened window assign the controllers you will be using for each driver input by clicking its correspondence. Select the device from the dropdown menu, detect on which axis or button your channel is by pressing the respective command and select it accordingly in the next dropdown.

You will have to calibrate the device. For example, in the case of the steering wheel, go full left, full right and centre.

Repeat this process for all channels and save your settings when finished.

In the case you are using our interface box to connect to the car, please look at the interface box manual found on our website

N.B. in the case of the steering, you will have to mention the total steering travel of the wheel.



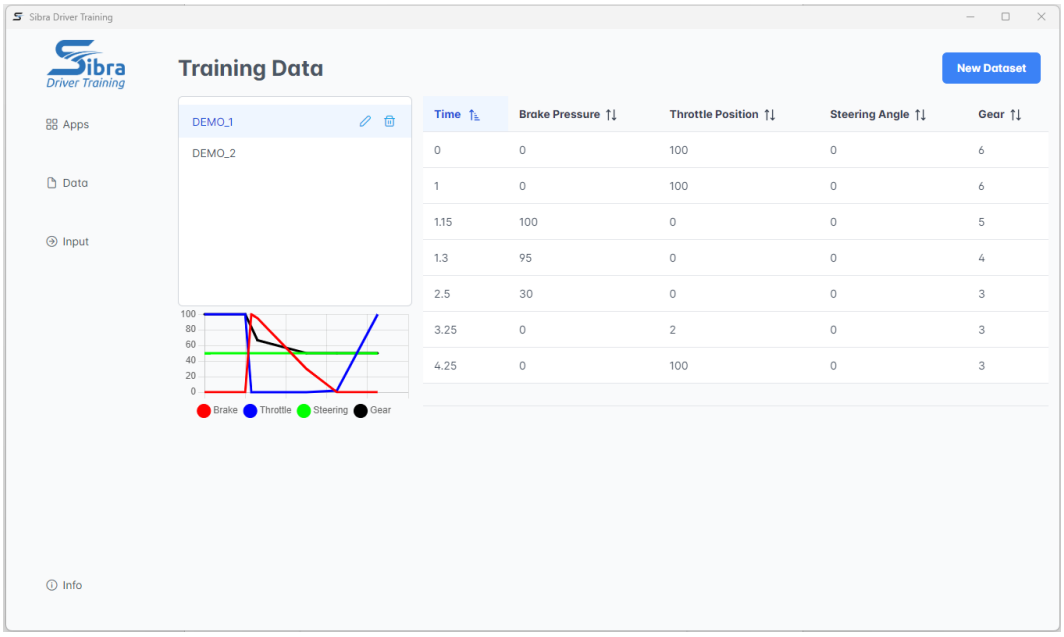
Data

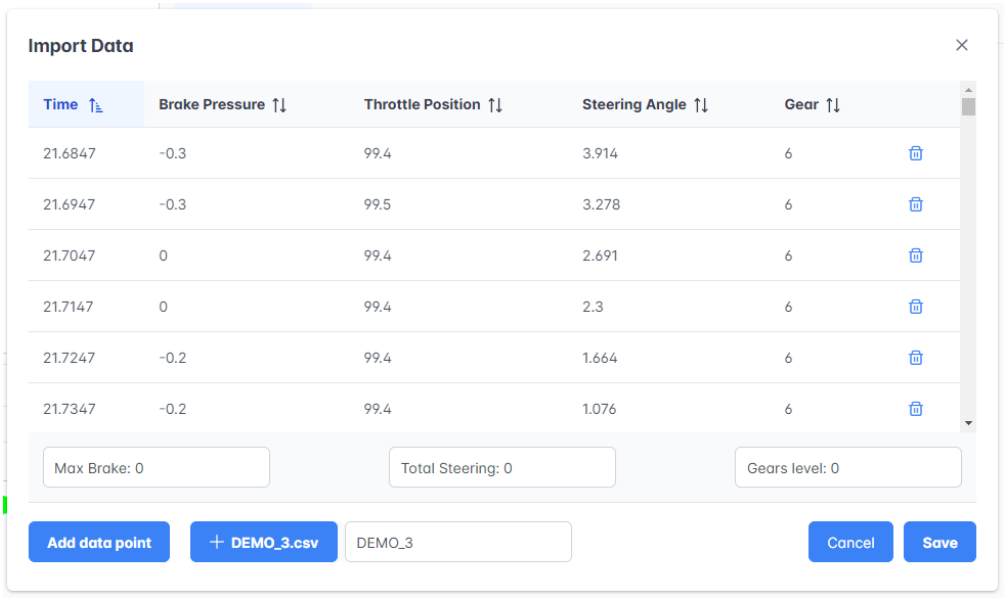
Here you can create, modify and import your own data sets. Two Demo Data sets are provided.

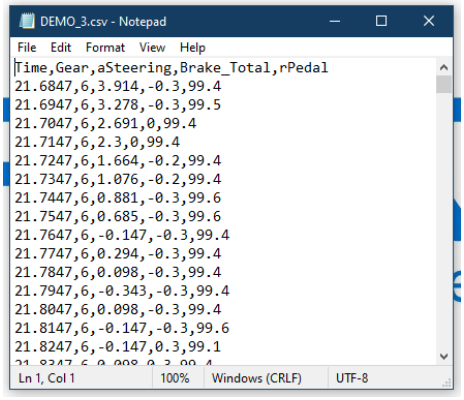
Clicking on “New Dataset” will open a new window. Here, by clicking on “Add Data Point” will create a new line. Insert the corresponding value for each channel.

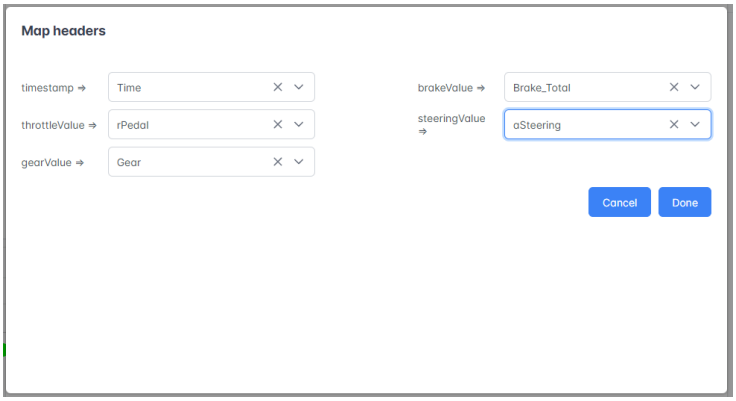
You can import real life data sets that can be exported straight from Data Analysis Software, like WinTax, AiM or MoTec. The file must be in .csv file format. After selecting your file, you need to map all the colums to match the channel names, from the dropdown list. Below you can find an example of how the .csv file should be sorted. The program suports andding a corner or a full lap.

A prediefined Wintax .gra file can be found on our website for easier exports. Load the lap, zoom to the area you want to export, right click and select export.









When adding files from different type of cars you must add the “Max Brake” pressure your car is able to reach, for example in Monza, T1. Make sure to correct this value if you are using as a channel only the Front Brake or the Total Brake.

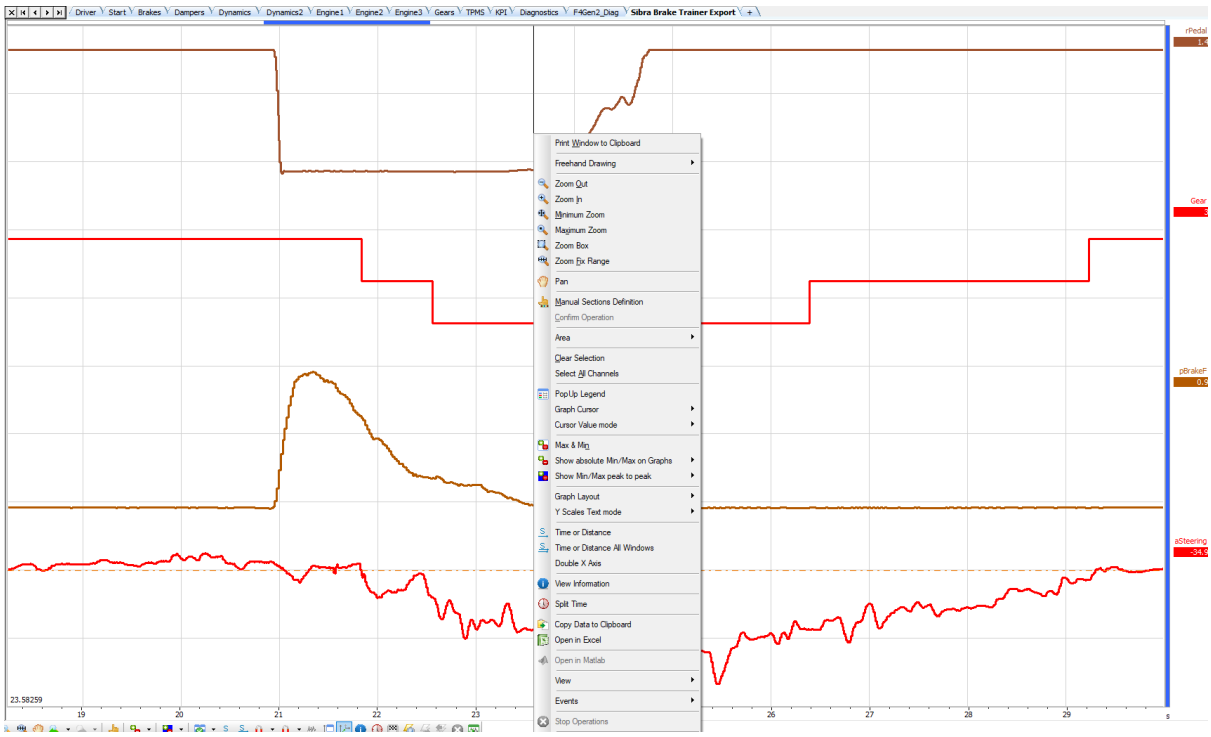
The program must also have the information about the total, lock to lock, steering angle of the car.

Exporting from WinTax

A prediefined Wintax .wly and.gra file can be found on our website for easier exports.

Load the lap and zoom to the area you want to export Select all the channels to export (by holding down the CTRL key and clicking on the channel name. Then, right click and select open in Excel.

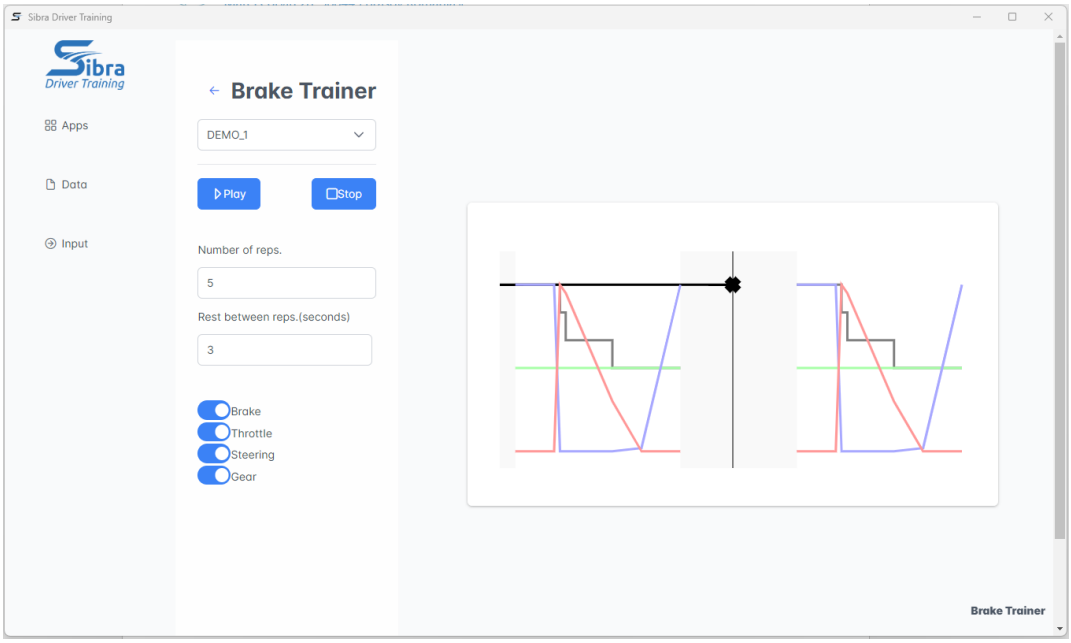
Save the file as a .csv and then import it into the Sibra Driver Training program using the Add Dataset -> Choose File options.



Brake Trainer

To start the Brake Trainer, select your dataset from the top left corner of the window, the number of repetitions, the time you want to rest between repetitions and the channels you want to use, then click play.

The trainer graph window is movable and resizable for best viewing.



Troubleshooting

For issues and problems please do not hesitate to contact us. We will fix your problem as soon as possible with the least amount of inconvenience.