

# raceBOARD-S

## Quick start

More at: <http://raceboard.simracing.pl>

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# Introduction

Thank You for choosing our product series raceBOARD, our goal is to ensure that our products are good quality and reasonable price. We also strive to meet the expectations of customers. We are still developing the software adding new functions.

Our devices are designed for PCs with Windows system, and at the moment supports the following simulators:

- Dirt 2 / Dirt 3
- F1 2010
- F1 2011
- GameStockCar
- GT Legends
- GTR2
- KartRacingPro
- iRacing
- Live for Speed
- Race07 / Race On
- rFactor
- Shift 2

Minimum requirements:

- Windows XP/Vista/7 (32 or 64bit)
- USB 2.0 port
- Microsoft .NET Framework 2.0

raceBOARD-S can display following data:

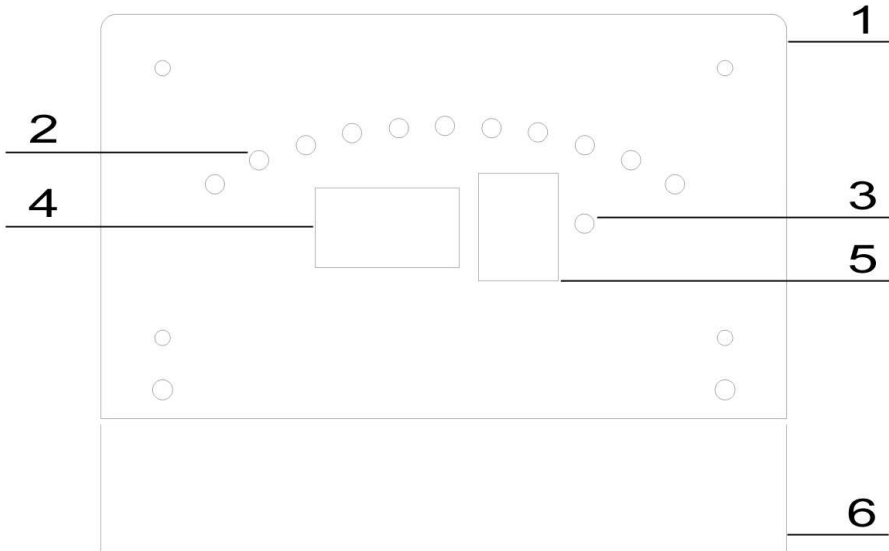
- speed (km/h or mph)
- gear
- engine RPM
- shift light indicator
- speed limiter indicator
- laps
- position
- engine temperature
- fuel remaining
- gap to driver in front
- advantage on driver behind
- remaining laps/time

Following table shows supported information for every supported simulation.

	Dirt 2 / Dirt 3	F1 2010	F1 2011	GameStockCar	GT Legends	GTR2	KartRacingPro	iRacing	Live For Speed	Race07 / Race On	rFactor	Shift 2
Speed	+	+	+	+	+	+	+	+	+	+	+	+
Gear	+	+	+	+	+	+	+	+	+	+	+	+
RPM	+	+	+	+	+	+	+	+	+	+	+	+
Shift Light	+	+	+	+	+	+	+	+	+	+	+	+
Pit Limiter					+	+		+	+	+	+	
Laps	+	+	+	+	+	+	+	+		+	+	
Position				+	+	+		+		+	+	
Engine temperature				+	+	+	+	+	+	+	+	
Fuel				+	+	+	+	+	+	+	+	
Gap				+				+			+	
Advantage				+				+			+	
Remaining				+				+			+	

Read these instruction before plug-in device.

## Device diagram



- 1** – Front panel
- 2** – 11 RPM LEDs
- 3** – Shift Light LED
- 4** – Speed display
- 5** – Gear display
- 6** – Detachable stand

## Power source

raceBOARD-S device is powered from the USB port and requires no external power supply.

# Software installation and launching device

## Latest software version

Latest software version for raceBOARD series devices can be downloaded from website <http://raceboard.simracing.pl/download>

## First run of device

If You haven't check automatic drivers installation, You need to install it manually. It can be achieved in one of two methods:

- Automatic drivers installer – just execute file **CDM20814\_Setup.exe** located in **USB** directory which is in the installation directory (default **C:\Program files (x86)\SimRacingPL\raceBOARD**).
- Manually – plug-in device, Windows will start install it, when it fails, check option to select drivers from disk and point it to directory **CDM20814\_WHQL\_Certified** located in **USB** directory which is in the installation directory (default **C:\Program files (x86)\SimRacingPL\raceBOARD**).

Now You can plug-in device in to USB port. If attached USB cable is too short, You can use USB cable extender but according to USB standards it may not be longer than 5 meters.

When raceBOARD application detects device, it will display its version i.e. **raceBOARD-S** on the speed display.

## Device auto-test

raceBOARD application has a function named **Auto-Test**. It can be

used to test Your device. Open application menu and click on **Auto-Test** item. Now You can check if all LED and displays are working. If not, contact support team.

After test, You can change running mode from **Auto-Test** to **Auto-detect**.

# Running device with simulators

raceBOARD application can work in three modes:

**Auto-Test** – this mode is designed for testing purpose, select it when You want to check that all LEDs and displays works fine.

**Auto-detect** – in this mode application is looking for running simulators and when found one its data are use to display information on device. When using a few simulator, it is the best choice.

**Manual select simulator** – in this mode You have to choose simulator from application menu. Its good choice when using only one simulator.

## Simulators

### **Dirt2, Dirt3, F1 2010, F1 2011**

To enabled support for these simulators, find file **hardware\_settings\_config.xml** in directory:

My Documents\My Games\Dirt2 - for Dirt2

My Documents\My Games\Dirt3 - for Dirt3

My Documents\My Games\F1 2010 - for F1 2010

My Documents\My Games\F1 2011 - for F1 2011

Open it and find following text:

<motion enabled="**true**" ip="**127.0.0.1**" port="**20777**" delay="**1**" extradata="**1**" />. In bold font pointed changes to original file.

Port option may be the same as is raceBOARD configuration.

## iRacing

There is no configuration for this simulator.

## **GT Legends, GTR2, Race07/Race On**

There may be need to edit player profile file to enable support for these simulators. Open player profile file from directory:

[game installation]\UserData\[profile name]\[profile name].plr

Find text **Write Shared Memory="0"** and change it **Write Shared Memory="1"**.

## **Live for Speed**

It is required to edit Your cfg.ini file which is located in Live for Speed installation directory. You have to append this file with text copied from Configuration window. Make sure that Live For Speed is not running during editing cfg.ini file.

## **rFactor**

raceBOARD application requires to install special plugin to work with rFactor. Just select Your rFactor installation path and plugin will be install automatically. When it is installed, in Configuration window You will see green **rFactor plugin installed** text. Make sure that rFactor is not running when You are selecting rFactor installation path.

## **GameStockCar**

raceBOARD application requires to install special plugin to work with GameStockCar. Just select Your GameStockCar installation path and plugin will be installed automatically. When it is installed, in Configuration window You will see a green **GameStockCar plugin installed** text. Make sure that GameStockCar is not running when You are selecting GameStockCar installation path.

## **KartRacingPro**

raceBOARD application requires to install special plugin to work with KartRacingPro. Just select Your KartRacingPro installation path and plugin will be installed automatically. When it is installed, in Configuration window You will see a green **KartRacingPro plugin**

**installed** text. Make sure that KartRacingPro is not running when You are selecting KartRacingPro installation path.

**More information available in the user manual. Download it from:**

**<http://raceboard.simracing.pl/download>**