



Sim Racing Data

Bringing the Sim World into Race Studio 3



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Matt Romanowski

TrailBrake.com - Owner



[aimsports.com](https://www.aimsports.com)

Tuesday March 12th, 2024

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Co-Host: Matt Romanowski

www.TrailBrake.com

 @TrailBrakeMatt



- Leading Technical and Stocking AiM Sports Dealer
- Seminars, at Track Coaching, Offsite Support, Online Sales, Pro Racing DAG
- Advanced CAN and Sensor Integrations, PDM Setup/Config, and More!
- Recent Sim Racing Enthusiast
- Many Time AiM Sports Webinar Co-Host!



www.TrailBrake.com

Matt Romanowski



aimsports.com

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Why Sim Driving/Racing?

So Many Reasons



There are a ton of reasons to work on the sim

- Learn new tracks
- Multiple drivers in the same car/conditions
- Learn about setup changes (change tire pressures, car settings, etc)
- Practice new techniques
- Practice techniques you need to improve
 - Trail braking
 - Throttle pickup/no lifting
 - No coasting
- Save time and money (no travel to the track and expenses)
- Fun!
- Physically less demanding (no heat, weather, etc)
- It's own sport
- FUN!

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Why Sim Driving/Racing



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Why AiM with the Sim?

Excellent Analysis and Familiarity



- You can use your AiM dash and SC!
- Helps keep the Sim like your track car
- Race Studio 3!
You're used to it and it's powerful

RS3
RACESTUDIO



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Why AiM with the Sim?



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What do you Need?

From Mild to Wild!



- PC Sim Rig of Some Sort
- iRacing, AC, ACC, or rFactor²
- Race Studio 3 Installed on your Computer
- AiM Cloud sign in (not required but helpful)



RS3 RACESTUDIO

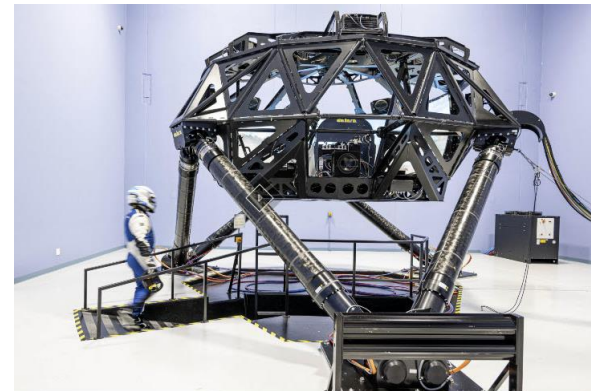
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What do you Need?

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Sim Rigs

How Crazy do you Want to Go?



Sim Racing Data

Sim Rigs

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What did Matt Get?

A Great Mid-Tier System

- Prices can range from a few hundred dollars to \$100,000+
- Everything but the computer came from Microcenter (Online and in stores)
- It was good to check things out before buying
- Computer not listed as there are so many options

Customer:

MATT ROMANOWSKI

SKU	Description	QTY	Price Per	Total Price
329813	TK Racing Pista Gaming Racing Seat - Tony Kanaan Edition	1	\$349.99	\$349.99
424176	TK Racing Bottom Mount Wheel Deck	1	\$79.99	\$79.99
328393	TK Racing Elite Rig - Tony Kanaan Edition	1	\$899.99	\$899.99
442210	Moza R16 Direct Drive Wheelbase	1	\$799.99	\$799.99
523340	Heusinkveld Sprint 3 Pedal	1	\$649.99	\$649.99
525055	Moza RS V2 Steering Wheel	1	\$399.99	\$399.99

Sub Total: \$3,179.94

Tax: \$198.75

Order Total: \$3,378.69

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What did Matt Get?



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Setting up for DATA!

A Few Key Steps



- Remember to log your data before you start driving
 - In iRacing, hit alt-L before driving or edit your app.ini file
 - In ACC, RF2, and AC make sure you have the AiM System Manager (ASM) running
 - If you have trouble with these files, email software@aim-sportline.com to have the tracks added

```
194 [Misc]
195 excludeIPv6OnFarms=           ; Comma-separated list of 0 or more of farms to not race using IPv6: (bosrace,sydrace,amstrace)
196 garageAutoApply=1            ; automatically hit the apply button after five seconds of inactivity.
197 irsdkAutoLogDisk=0           ; Automatically log disk telemetry when you enter your car, this can fill up your disk!
198 irsdkEnableDisk=1            ; enable disk based telemetry
199 irsdkEnableMem=1              ; enable memory based telemetry
200 irsdkLimitFileSize=0          ; Keep .ibt files under 100 mb in size
201 irsdkLog360Hz=0              ; Log some telemetry at 360 Hz rather than at 60 Hz
202 irsdkLogSetup=1               ; Log the current setup to telemetry
203 showIncidentMessagesWhileDriving=1 ; Show Incident messages while driving
204 showJoinLeave=1                ; Show player join/leave messages
205 showSysMessagesWhileDriving=1 ; Show system messages while driving
206 showUserMessagesWhileDriving=1 ; Show user chat messages while driving
```

iRacing app.ini settings to change

Sim Racing Data

Setting up for DATA!

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iRacing Specific

- The real key is to remember to record data!
 - iRacing it's hit alt-L
 - Change app.ini file to always log
 - Change app.ini file to log data at higher rate
- Use AiM Simulation Manager (ASM) to bring in the file
 - Under conversion of files
- Drag and Drop .ibt file into RS3 or Import .ibt file



Sim Racing Data

iRacing Specific

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Using the AiM Cloud!

Moving Data and Sharing Between Computers



AiM Cloud Settings



Share Files in AiM Cloud



Upload to AiM Cloud



Download from AiM Cloud



Delete from AiM Cloud

#	Date	Track
2	2024, March 06/10	iRacing
1	2024, March 09	AssesttoCorsa
4	2024, March 08	Watkins Glen iRacing
3	2024, March 07	Watkins Glen iRacing
1	2024, March 02	Watkins Glen iRacing
1	2024, March 01	Road America iRacing
1	2024, February 29	Watkins Glen iRacing
2	2024, February 17/18	Summit Main iRacing
1	2024, February 17	LRP iRacing
1	2024, February 17	Watkins Glen iRacing
1	2024, February 11	LRP Chicane iRacing
1	2024, January 20	Summit Main iRacing
3	2024, January 03/06	Watkins Glen iRacing
1	2024, January 03	iRacing
1	2021, May 15	SMP DW
1	2021, May 13	Kirkland DW
1	2021, April 16	RozzanoK

Session Date/Time	Lap(s)	Best	Session Type	Racer	Vehicle	Championship	Track
2024, Mar 09, 11:09 PM	3	1:57.837		TrailBrakeMatt	bmw_m3_e30	AssesttoCorsa	
2024, Mar 06, 3:12 PM	29	0:05.000	Race	Matt Romanowski	Formula Vee	iRacing	
2024, Mar 10, 10:31 AM	41	0:05.000	Race	Matt Romanowski	Ray Formula 1600	iRacing	

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Using the AiM Cloud!

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Live Data Analysis!

Matt Gets Beat!



It's a great opportunity to compare your data versus another driver.

Who did Matt compete against?

Cameron Martineau



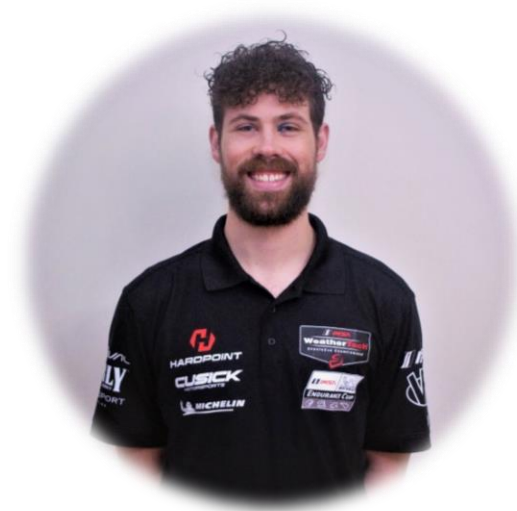
Twitch: CamMartineau



Coaching: Advanced Motorsports
<https://www.adv-motorsports.com/instructors>



Esports: Samantha Tan Racing - Esports Driver
<https://www.st-racing.org/esports>



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Live Data Analysis!



[aimsports.com](https://www.aimsports.com)

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LearnFast™ E-Training Videos



Currently **234** Videos and Growing

YouTube www.youtube.com/aimdata

#5-4
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If You Have Questions

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AIM Sports & Flagtronics
An Important Winging of Technology



Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Cameron Buseth
AIM Sports - National Training Manager

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Tuesday February 27th, 2024

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Webinar Series

Bringing Data Support and Training to You

Data Download Options
In Race Studio 3

www.aimsports.com

March 31st, 2020

1.800.718.9090

- All New 2020 - 24 Live Webinar Videos
 - Software Updates with Race Studio 3
 - Pre-Calculated Gear Position Function
 - Configuring WiFi Communication
 - Customizing AiM Device Logos
 - Race Studio 3 Basic Configuration - Part 1
 - Race Studio 3 Basic Configuration - Part 2
 - **I Have Downloaded my Data, Now What - Part 1*
 - **I Have Downloaded my Data, Now What - Part 2*
 - GPS Lap Insert
 - Selection Criteria
 - Data Views
 - Sensor Calibration
 - Measure Units
 - Conditional Alarms
 - Sort Channels
 - Gear Position
 - Test Properties
 - Firmware Update
 - Per Lap Color
 - Solo Configuration
 - Export Tests
 - Transmit Tracks
 - Channel Reports
 - Gps Manager Overview
 - Setting Time
 - New GPS Track
 - Track Mapping
 - Webinars
- * Most Popular and Recommended*

Additional Materials

LearnFast™ E-Training Videos

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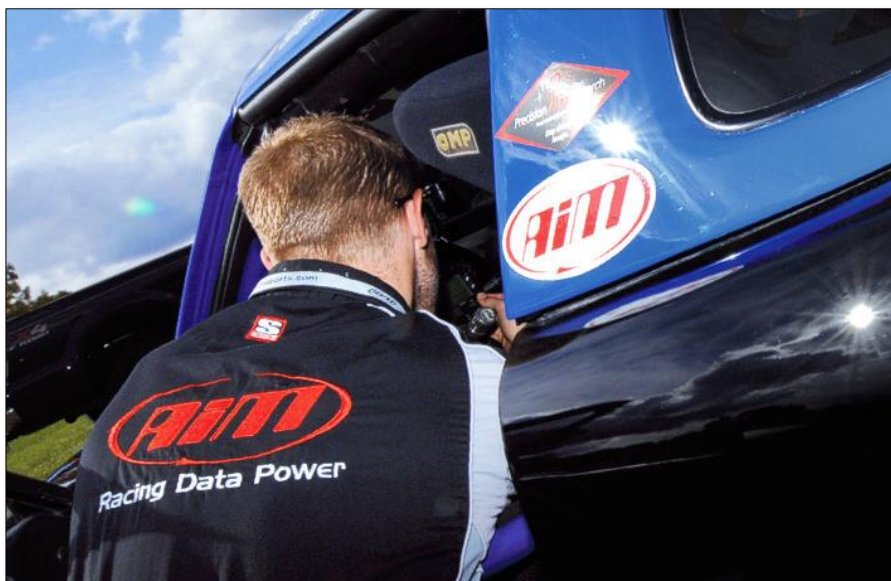
aimsports.com

Customer Support



AiM Sports Technical Support Staff Regularly
Attend Races and Other Events

Look For Us At An Event Near You
Or Call Us At **800.718.9090**



Customer Support

At An Event Near You!

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[aimsports.com](https://www.aimsports.com)

Next AiM Sports Webinar

AiM Sports New K8 Keypad



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Robbie Yeoman

AiM Sports - Chief Technology Officer

Next Webinar: Tuesday March 26th, 2024 - 10:00am Pac/1:00pm East



[aimsports.com](https://www.aimsports.com)

Next Webinars

AiM Sports K8 Keypad

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Contact Information



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