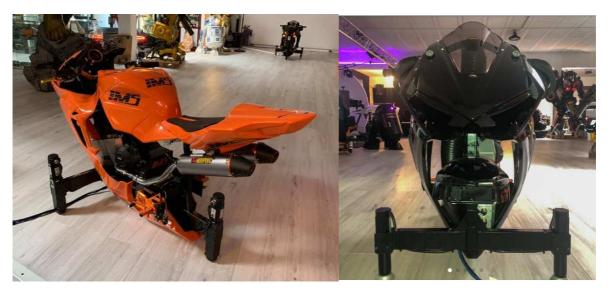


Introducing your new FAN KIT PRO V2

As a serious Simracer or a professional Arcade Owner, you can be proud to own the best fan system for cooling people while enjoying driving / riding / flying and any other fun or serious activity you can imagine. If you need to get the system compatible with another solution, just ask us. Contact information is available on the hsimracing.com.

Your FAN kit is the result of long researches getting the right hardware to match the needs regarding air flow power, noise, durability, size, design, integration, ergonomic and ease of use.

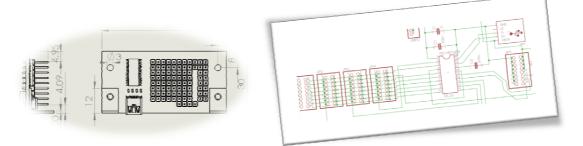


Integration of the *R'FunPRO V2* in the *IMS VR bikes*

After years of tests under worst conditions, you have the benefit of the best effort we (Hsimracing.com) could have made with all our great partners. One of our professional owners use his system on a mobile simulator: on Rally events even under bad weather conditions and direct sun exposure with full day duration opening...

Your system is close to be bullet proof!

It has its own custom electronic with microcontroller firmware to be the lightest possible to run on your computer and to be reliable over the years. No crashes. Far ahead of other Arduino based products. It also comes with its dedicated software HSR R'Fun Control Panel.



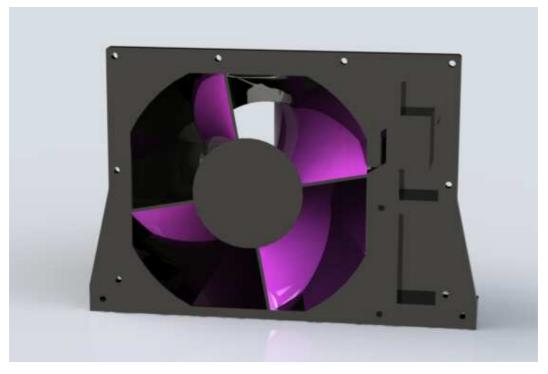
That said, any computer connected to a fan system can freely use the full version of the launcher program called AppStarterKey (startup sequence pushing a button), enjoy © https://hsimracing.com/hsr-appstarterkey-install/

HSR AppStarterKey INSTALL File size: 2 MB Downloads: 103

All Rights Reserved Hsimracing.com 2021 - Do not edit or distri



Aeronautical engineering and high end 3D printing technology is the combo we are using to make it close to the perfection. This is how to get air flow as laminar as possible in tubes:



Sectional view of a FAN system



Beautiful colors also have contributed to the success of the product.

FAN kits demo at the 2018 simexpo on the JCL stand



R'Fun PRO V2 - User Manual

Thank you very much again for your interest in our products and services.

For any question/suggestion/bug report, please send us an e-mail or use the *contact* page on the website.

Introducing your new FAN KIT PRO V2	1
Installing the R'Fun system	4
Control Panel Software	4
Setup	4
Quick Settings	13
Adjusting the FAN power respond	14
Troubleshooting	17



Installing the R'Fun system

Control Panel Software

Setup

Get the latest software version on this page: https://hsimracing.com/rfun-control-panel/

۹

HSR R'Fun INSTALL 2.0Beta

-Bug Fix - Interface Rework - Ignored button in .ini - SIM Dashboard support - TacView support File size: 13 MB Downloads: 8

Open the file

HSR-RFun-INSTALL-2.0Be	ta.zip	
🚽 VideoDownlo 🖈 🐴	Nom	Туре
bourse 🖈	📧 HSR R'Fun INSTALL 2.0Beta.exe	Application
🔓 oculus-diagn 🖈		

Double click on HSRR'FunINSTALL(xxx).exe

🎎 Setup - HSR R'Fun Control Panel version 2.0beta 🦳 —		Х
License Agreement Please read the following important information before continuing.	0	R
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.		
****************** END-USER LICENSE AGREEMENT (EULA) ************************************	^	
HSR R'Fun Control Tool Copyright (C) 2018 HSR All Rights Reserved		
NOTICE TO USERS: CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT. USE OF HSimracing RFun(the "SOFTWARE") PROVIDED WITH THIS AGREEMENT CONSTITUTES YOUR ACCEPTANCE OF THESE TERMS. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT INSTALL AND/OR USE THIS SOFTWARE. USER'S USE OF THIS SOFTWARE IS CONDITIONED UPON		
○ I <u>a</u> ccept the agreement		
● I <u>d</u> o not accept the agreement		
Next >	Cance	el



Click on:

I accept the agreement
<u>N</u> ext >
<u>N</u> ext >
<u>N</u> ext >
Install
Install

.NET framework 4.5 from Microsoft

褁 Mic	rosoft .NET Framework 4.5	×				
<u> </u>	Impossible d'effectuer l'installation. Consultez ci-dessous les raisons du problème.					
<u>Déta</u>	<u>ails</u>	-				
1. M néce	licrosoft .NET Framework 4.5 est déjà installé sur ce système d'exploitation. Il n'est pas essaire d'installer le composant redistribuable de .NET Framework 4.5.					
	a même version ou une version ultérieure de .NET Framework 4.5 est déjà installée sur cet nateur.					
Plus d'ir	Plus d'informations sur les installations .NET Framework 4.5 bloquées.					
3	<u>C</u> ontinuer Fermer					
Cont	(Continue) or Fermer (Close)					



XNA framework from Microsoft



<u>N</u>ext >

If you can't click next a second time it is already installed, so click on



If you can click next, just install it.

Then click on





ASR.	Setup - HSR R'Fun Control Panel version 2.0beta — 🗌 🛛 🕹
	Information Please read the following important information before continuing.
	When you are ready to continue with Setup, click Next.
	To get new supported games and patches by e-mail: - Go to hsimracing.com - Subscribe newsletter
	Now we advice You to setup your prefered buttons to control your FAN system while Driving! Open the main page, click on each function then touch desired button that's all! It is automatically saved when you quit the app.
	Have fun!!
	<u>N</u> ext >
ext >	and Finish
-	atible games is here: <u>pracing.com/compatibility/</u>

Check for the **Native Support** column:

Game Name SIM Da	sh (included)	Native Support	TacView (50% off)
------------------	---------------	----------------	-------------------

If you want to use other games than the native supported ones, you need to install and activate SIM Dashboard PC server.

If you want to use PLANE games, you need to pay (get 50% off contacting us) install and activate TacView

Install SIM Dashboard PC server

(Optional step)

download setup on this page : https://www.stryder-it.de/simdashboard/index.php#install

Launch setup and click next several times



Activate SIM Dashboard PC server (Optional step)

Open SIM Dashboard PC Server window



If it already runs in background, just click on its icon on the list in the bottom right corner of your screen:



Go to Miscellaneous menu



Check "Activate Data Output for HSR Fan Kit R'Fun"

Click on "Load License" and open the file attached to this email

Open the file attached to the dedicated e-mail you have received.

Notice:

If you buy *SIM Dashboard* on Google Play (to also use it with your Smartphone) You will get money back on PayPal. Just forward us an email with a proof of your purchase.



Install Tacview

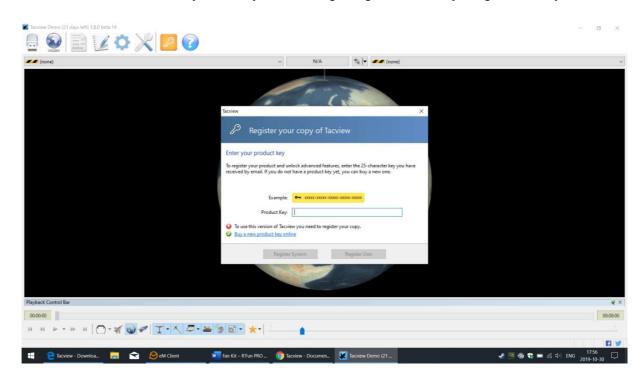
Download the latest version of Tacview at http://tacview.net/download

If you need a new licence, please send us an e-mail or use the contact page on the website with your order id to get your voucher (-50%)

Run the installer. Consult the documentation for your simulator: <u>https://tacview.net/documentation</u>

Activate Tacview

Run Tacview. Click on the yellow key icon to be prompted to enter your product key:



Install and Activate Tacview add-on

Access Tacview's add-on repository

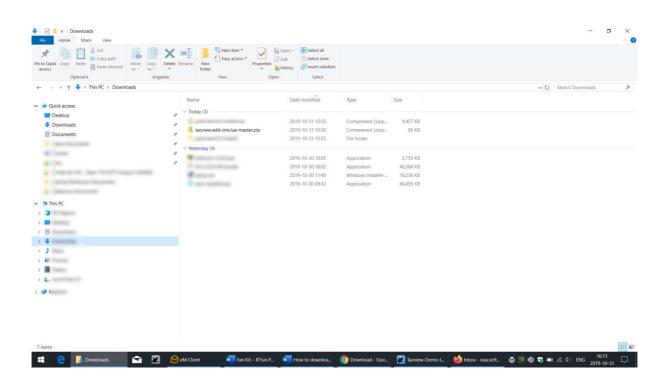
https://github.com/RaiaSoftwareInc/tacview.add-ons.lua



Click on Clone or Download and Download Zip

Search or jump to	7 Pull requests is	sues Marketplace Explo	pre			
	RaiaSoftwareInc / tacviev Code Sissues 0	v.add-ons.lua Ill requests 0 🏾 🎹 Project	ts 0 💷 Wiki 🕕 Security 🔟	O Unwatch → 3 ★	Star 1 ¥ Fork 0	
	No description, website, or topic	s provided.				
	⑦ 36 commits	⊮ 1 branch	1 branch 🛇 0 releases 😫 3 contributors		ক্ষ MIT	
	Branch: master - New pull reque	it	Creat	e new file Upload files Find file	e Clone or download 🗸	
	SuzyBee1983 Update fuel consum	ption add-on to v0.3		Clone with HTTPS ③	Use SSH	
	batch-processing	FIXED Batch-Proc	FIXED Batch-Processing add-n:error when cancel folder s			
	🖿 f14-aoa-indicator	IMPROVED F-14	AOA indicator to use relative path for	https://github.com/RaiaSo	ftwareInc/tacvi 📴	
	fuel-consumption	fuel-consumption Update fuel consumptio				
	🖿 hsr	FIXED HSR Add-o	on object selection behavior	Open in Desktop	Download ZIP	
	lightwave-exporter	IMPROVED lightw	IMPROVED lightwave exporter by using new menu separator			
	virtual-flight-report	ADDED Virtual Fl	ADDED Virtual Flight Report add-on (prototype) ADDED Git configuration file			
	.gitattributes	ADDED Git config				
	.gitignore	Initial commit			5 months ago	
	LICENSE	Initial commit			5 months ago	
	README.md	UPDATED Batch	Processing Add-on and several READN	IE files	3 months ago	

The .zip folder will appear in your Downloads folder.





Extract the files and select the folder belonging to the add-on you are interested in (hsr)

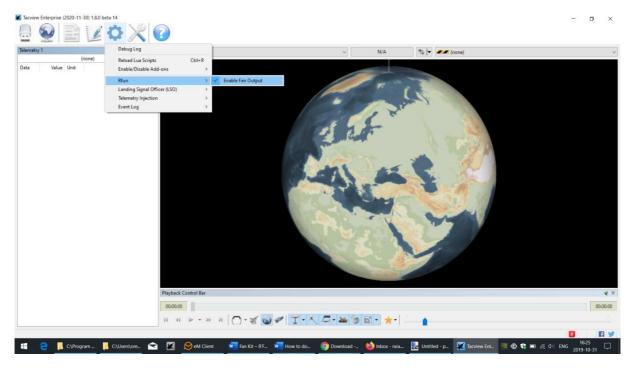
New Open er > tacview.add-ons.lua-master e Size	2	Nate modified Type	 ♥ D. Search tacview.add-o ♥ 	-onslua-m_
ана (р. 1997) 2017 2017	2	019-10-31 16:16 File folder		
sr	2	019-10-31 16:16 File folder		
sr	2	019-10-31 16:16 File folder		
St.	2	019-10-31 16:16 File folder		
Alexandra Constantine Constantine Constantine Constantine Constantine Constantine Constantine Constantine Const				
a de la companya de l				

Copy the entire folder and paste it into C:\Program Files (x86)\Tacview\AddOns

ick Copy Paste Copy path ick Copy Paste Poste shortcut to Clipboard	Py Delete Rename Poly Rew item Delete Rename Poly Rew folder Organize New	Properties & Open - History Open - History Open Select				
→ → ↑ 📕 → This PC → Local Disk (C:) → P	Program Files (x86) > Tacview (beta) > AddOn	\$ >			0	AddQ Search,AddOns
F	^ Name	Size	Date mod	lified Type	•	
A memory	CPP Tutorial 2 - G-Meter		2019-06-2	27 10:32 File folder		
A department of the last	📕 hsr		2019-10-3	1 16:19 File folder		
I reprint	Landing Signal Officer		2019-06-2	7 10:32 File folder		
1 Commence Man	📜 Lua Tutorial 1 - Hello World	1	2019-06-2	27 10:32 File folder		
and the second	Lua Tutorial 2 - LuaStrict		2019-06-2	27 10:32 File folder		
I long comment have	Lua Tutorial 3 - LuaSocket		2019-06-2	27 10:32 File folder		
L manager	Lua Tutorial 4 - Basic Add-	on		27 10:32 File folder		
1 (1997)	Lua Tutorial 5 - UI			27 10:32 File folder		
the local set langer haven	Lua Tutorial 6 - Active Obje			27 10:32 File folder		
Concept Stationer	Lua Tutorial 7 - AoA Indexe			27 10:32 File folder		
Manager Chief	Lua Tutorial 8 - Telemetry I			27 10:32 File folder		
Manager in the large	Lua Tutorial 9 - Context Me XLSXEventLog	nu		27 10:32 File folder 27 10:32 File folder		
Manual Age (and	Tacview Core Interface.txt			10.11:56 Text Document		
Manual Marchae	Tacview Main Interface.txt			14 17:40 Text Document		
	acview Main Interface.txt		20 KB 2019-00-	14 17.40 Text Document		
A minute set of the						
A standar Management Service						
A residence						
A reason						
A STREET, CONSTRUCTION						
Reference Teaconteres						
A fagine insert is feening ?						
A result						
🧵 Tacview (beta)						
AddOns						
Data						



Launch Tacview. Enable the add-on by clicking Add-ons ->Rfun -> Enable Fan Output. A check mark will appear next to Enable Fan Output when the add-on is enabled.



Connect to Real-time Telemetry and enter localhost as your address and **Connect.**You are now ready to fly!

Telemet	Online Debriefing	e x	Debug Log				
	Real-Time Telemetry		Time	Level	Module	Message	
Data	Remote Control 1		2019-07-25T13:45:24Z		ADDON	Loaded [XLSX Event Log 1.8.0	
	Remote Control 2		2019-07-25T13:45:24Z		LUA	Loaded [Batch Process 1.0] L	
	Remote Control 3		2019-07-25T13:45:24Z 2019-07-25T13:45:24Z		LUA	Loaded [Display AOA in Unit	
	Remote Control 4	Tacview	2019-07-25113:45:242	INFO	LUA	Loaded [Rfun Fan System 0.1	× Lua add-on
		×	Establish a connectio		recorder to revie	w telemetry data in real-time!	360 6GB/PCle/SSE2 .36
			Choose a User Name	e:			
			Data Recorder Addres	s: localhos	đ	- Connect	
			Data Recorder Por	t: 42674	1		
			Password	1: T			
				Auto R	leconnect		
			T				
							1
							1 - 1 - 2 - 2
Raw Telem	etry 1	e x					
	Global Prop						
Name	Raw Data	Interpreted Value					
Context -		122002012020000000000					1 Action 1



Quick Settings

Be sure that your system can't move before the FAN motor will start to turn!

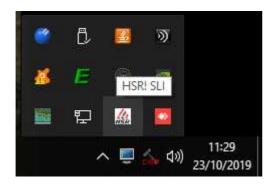
Testing

(Optional step)

- 1. Plug USB cable and Power supply on your fan system
- 2. Open software



Sometime it can be running in background. You can find it in the bottom right corner of the screen. Double click to open the windows.



3. Test the FAN system

In the FAN TEST section, move the blue cursor:

FAN TEST Click to enable	(not usable while a game is running)
%	



Adjusting the FAN power respond

(Optional step)

The air flow power responds to the *in-game speed*.

Examples

Fan motor can accelerate quickly at low speeds and slowly at high speeds to give more fresh sensation to the driver (more air in average) =>

Fan can accelerate slowly at lower speed and quickly at higher speed to give more speed sensation to the driver (less air in average) =>

You can adjust FAN power curve by clicking the 4 buttons in color(default is FLAT)

Current speed on Graph (use more CI	U) AIR FLOW - CUR	VE - CONTROL MOUSE E	DIT LOCKED
LOG+	QUAD	FLAT	EXPO

Custom designed curve

(Optional) You can fine adjust the curve if you want to take time to do it.

Just uncheck
MOUSE EDIT LOCKED

And draw the new line clicking and moving your mouse (saving automatically)

Advanced users:

You can draw the curve while driving (not in VR).

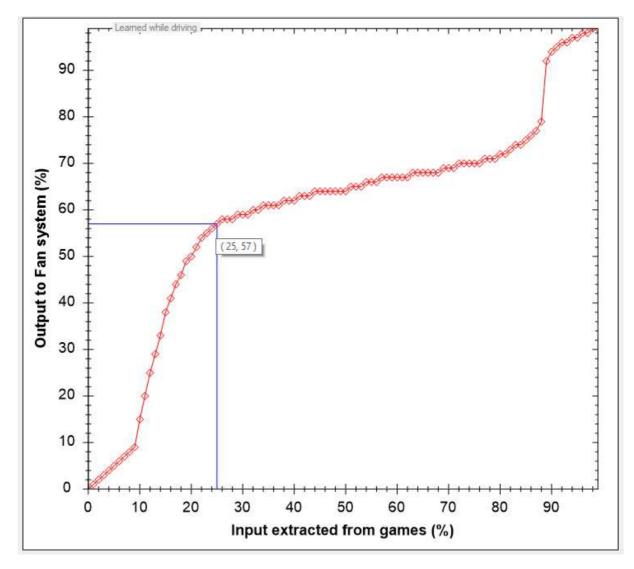
1/Check it: Current speed on Graph (use more CPU)

2/Use Transparency feature to put the application over your game

Transparer	ncy		

Notice: Your game needs to be running in windowed mode (not fullscreen).





Editing the curve manually

Saving a second profile

(Optional step)

When you touch the curve by clicking, profile 1 is automatically saved (and used when application starts). You can save your current curve on a second profile in case you

what to try something else and go back on it. Just click on:

SAVE 2

For advanced users, you can open .ini file and manage manually [GRAPH1] and [GRAPH2] values. To access .ini file with ease, just click on top of the windows on:

Open Log and .ini files folder



Configure Buttons to affect air flow during racing (Optional step)

Good to know

You can use any buttons of any of your connected controllers. You can monitor/watch all of them, scroll at the most bottom of the app and click on:

Check Buttons	Use it to I	know	everything	about	your	buttons.
---------------	-------------	------	------------	-------	------	----------

Saving button settings is automatic when you change anything.

There are FIVE buttons that can be used:

Turbo mode Minimum air flow UP Minimum air flow DOWN Maximum air flow UP Maximum air flow DOWN

Turbo mode: Give some fresh air out of the car: when in pit, replay or menu ... (even on desktop of Windows without any game launched)

Notice 1:

You get sound feedbacks.

They are useful while driving with Virtual Reality Headset.

It allows you to know when a setting is changed, confirming you have pushed a button.

It also changes of sound when a setting is at its maximum or minimum value.

Notice 2:

When turbo mode is engaged, minimum air flow UP and DOWN are used to set the turbo fan speed, (no more the in game value).

When turbo mode is disengaged, minimum air flow UP and DOWN are used back to their original feature (while driving cooling).



1. Click on a button to start the countdown.

2. Press the choose button to learn it under the limited time of the countdown. You can click *Clear* if you don't need the button anymore, and *Undo clear* if needed.

TURBO Controller (Xbox One For Windows) Button:1 Clear Turbo is ON used to set a value when you don't drive, u/replay/out of a game	FAN MAX + Button Box Inter Clear FAN MAX - Not configured	your car reach its Max Speed
Undo clear		

For advanced users,

You can open .ini file and manage manually [BUTTONS] values. To access to the .ini file with ease, just click on top of the windows on:

Open Log and .ini files folder

Troubleshooting

With some "all the time" activated button, or "repeated button" system, it can be impossible to use the assign/learn method. It is the case with some F1 wheel with clutch paddle.

You can black list up to 3 buttons to not be listened by the application.

To do that, open .ini file and add this line in the [BUTTONS] section: BlackListed1=ControllerName:buttoned To access to the.ini file with ease, just click on top of the windows on:

Open Log and .ini files folder

Example: BlackListed1=ClubSport Wheel Button:20