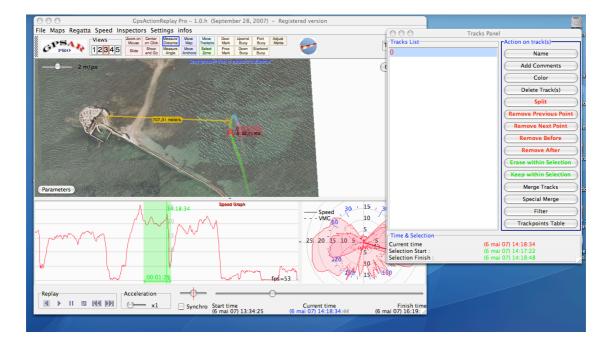


# GPSACTIONREPLAY-PRO SOFTWARE QUICK GETTING STARTED

Software version 1.1

This manual is the very short version of the comprehensive manuel (downloadable on <u>www.gpsactionreplay.com</u>) for people who want to get their speed results quickly.

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## A. Install & Run GpsarPro

It's very fast and easy in most of the cases, including Windows, Mac and Linux

1- Download : download the latest version of GpsarPro on <u>http://www.gpsactionreplay.com</u> (we assume a 1.1 version or later for this manual). Save the file distributionGpsarPro10h.zip on your system.

2- Unzip this file (a double click should do the job), with a zip tool. You get a folder « distributionGpsar1 » folder which contains everything you need to use and run GpsarPro

3- Double click on « gpsarPro.bat » if you're using Windows. It'done. If you're using Mac Os X or Linux, open a shell, go to this folder, and type the command « sh gpsarPro.sh ». Note that in both case (windows or other system) you can double click on « gpsarPro.jar », which does the job too, but in this case the program will get LESS MEMORY to run than if you use the .bat or the .sh command

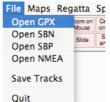
- Troubleshooting ? If it doesn't work, it simply means that the Java Machine isn't installed yet on your machine (it's installed on most of any recent system). Anyway, you can get it from java.sun.com. There is a link that redirect your browser depending on your system : <a href="http://java.sun.com/webapps/getjava/BrowserRedirect?locale=en&host=www.java.com:80">http://java.sun.com/webapps/getjava/BrowserRedirect?locale=en&host=www.java.com:80</a> Then go back to 3 to run GpsarPro.

### B. Load a Track

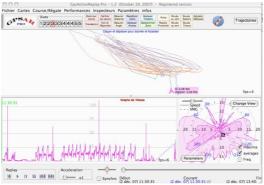
First, you need to get a file from your track :

- Garmin : use G7TOWIN with Windows system, or GpsBabel with MacOSX or Linux, and save track as **.gpx** file.
- GT-11 : set your GT-11 to get **.sbn** files (important : set « ON-FIX » to get only points when your device gets satellites view)
- With other devices, you use a dedicated software to get .gpx or .nmea file

Once in GpsarPro, load your track(s) with the relevant menu (gpx, sbn, sbp or nmea) :

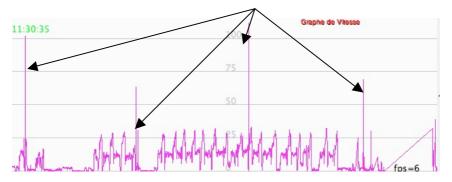


Then you get the track in the views in all windows :



#### C. Check and filter Data (removing spikes)

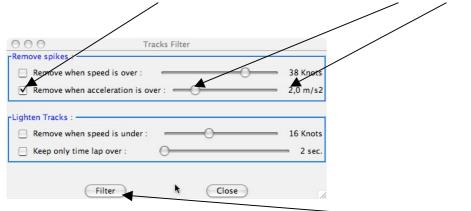
Have a look to the speed graph to get a quick overview of bad points (spikes). In this, example, you can see that about 4 zones contain spikes (and the scale is up to 100 knots !)



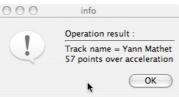
Then click on « Tracks Panel » button, and then click on « Filter » :



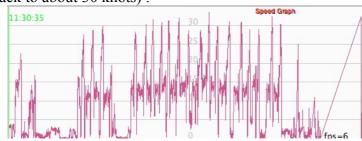
Check the « remove when acceleration... » box, and set its slider to 2,0 m/s2



These settings will be stored till next time. Now click on Filter, and you get the results window :



It's done ! As a consequence, you can see now in the speedgraph that there is no spike left (and scale is back to about 30 knots) :



#### **D. Compute and Send Speed Results**

To get results from your tracks, choose « Speed results » in « Speed » menu :

		GpsActionR	eplay Pro
Regatta	Speed	Inspectors	Settings
<b>\$ k</b>	Jibes	l Results analysis analysis	55 Slide
		1	1-4

You get a special user interface dedicated to speed performance.

You can change settings and then, each time, click on « recompute all » to see the results. Before sending your data to gps-speedsurfing, 4 settings only are important

	000		Sp	eed Results			
Г	Settings						
		Min sats : 5 🛟	Max HDoP	· 5,0	Threeshold :	<mark>── 11</mark>	
Ő	☑ Doppler(vs	s. Positional)	🗹 Trapeze (vs. Rect	angle)	🗹 One per run	Show : 5	\$
	🗌 1 sec.	✓ 2 sec.	✓ 10 sec.	📃 1 min.	📃 1 hour	24 hours	
	🗌 100 m.	📃 250 m.	🗹 500 m.	📃 1000 m.	📃 Nautical Mile	📃 10 km.	
I	Speed Results						
	(Re)compute All (Re)compute Current Send current to Server Save(HTML)						
			(v:	ann Mathet			

I recommand you set them as follows :

- Doppler : Checked with GT-11 (our example), U/n-Checked with Garmin
- **Trapeze** : Checked (better accuracy of computation)

- **Min Sats** : Un-Checked if you're using Garmin, as you wish with GT-11 (if you don't know about it, keep it unchecked).

- Max HDoP : same as Min Sats

All other settings are automatically set specifically for gps-speedsurfing when sending your data, whatever your own settings in the interface (for instance, « One per run » is considered Checked, even if you haven't checked it, to cope with gps-speedsurfing rules).

Now, you can click on « send current to server »

lathe	م الم	
	000	Send Results
ce :	Login :	Yann Mathet
ots :	Pass :	*****
	HTTP-Se	rver : http://www.gps-speedsurfing.com/gpsar.asp
		Send Results Cancel

Enter you name (first name, last name, as you did when registering to the gps-speedsurfing or gps-kitesurfing site).

If necessary, change the HTTP-Server address. By default, it's already set to gps-speedsurfing, so you'll have to change it only if you want to send to gps-kitesurfing.

All these settings are memorized by GpsarPro, even if you re-start, so you won't have to change it each time.

Then click on « send results », and you'll get a response from the server within seconds :

000	info
	Message from server http://www.gps-speedsurfing.com/gpsar.asp: Results from sending your data to server(s):
	 Message from server http://www.gps-speedsurfing.com/gpsar.asp: You just logged in!
	10/1/2007 12:11:45 PM: starting log @ gpsar.asp
	10/1/2007 12:11:45 PM: Start loading data
	10/1/2007 12:11:45 PM: XML document OK
	10/1/2007 12:11:45 PM: Authenticating user
	10/1/2007 12:11:45 PM: Reading date OK
	10/1/2007 12:11:45 PM: Getting speeds from XML document
	10/1/2007 12:11:45 PM: Max 2 sec read
	10/1/2007 12:11:45 PM: Max 10 sec read
	10/1/2007 12:11:45 PM: Average read
	10/1/2007 12:11:45 PM: 100 m read
	10/1/2007 12:11:45 PM: 250 m read
	10/1/2007 12:11:45 PM: 500 m read
	10/1/2007 12:11:45 PM: Nautical mile read
	10/1/2007 12:11:45 PM: 3600 s not found!
	10/1/2007 12:11:45 PM: Distance read
	10/1/2007 12:11:45 PM: Adding session speeds to database!
	10/1/2007 12:11:45 PM: Session speeds added SUCCESSFULLY to gps-speedsurfing.com!!
	10/1/2007 12:11:45 PM: closing log @ gpsar.asp
	(, OK)

If you get this message, everything is OK, and you can connect to the website to validate your result.

It's done !

For detailed information, please refer to the full manual.