



MAGNETI MARELLI MOTORSPORT

Getting Started with WINTAX



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1. Installation

To install Wintax you must have administrator rights. Make sure you have the correct permissions to perform the installation. If you have questions about this, ask your system administrator.

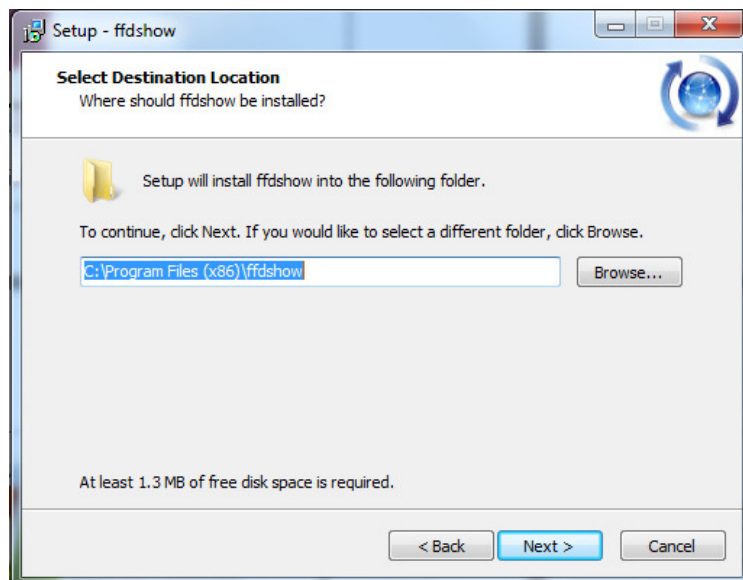
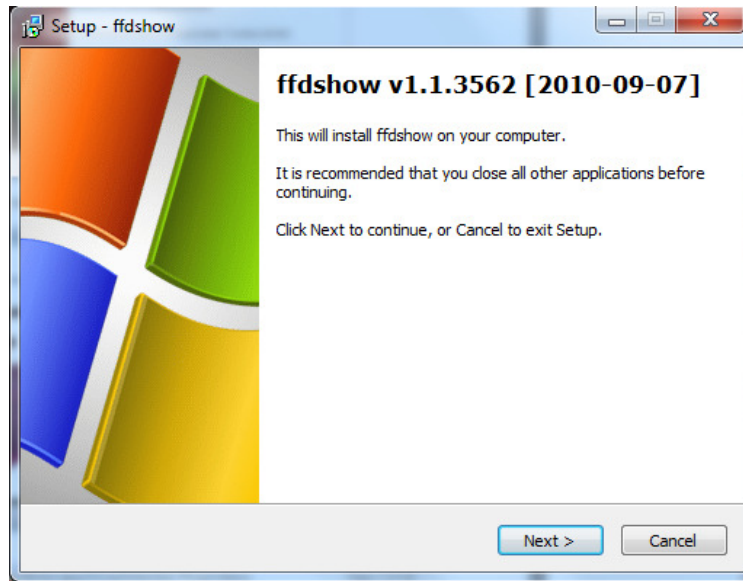
1.1. First time installation

Run setup.exe from the installer package.

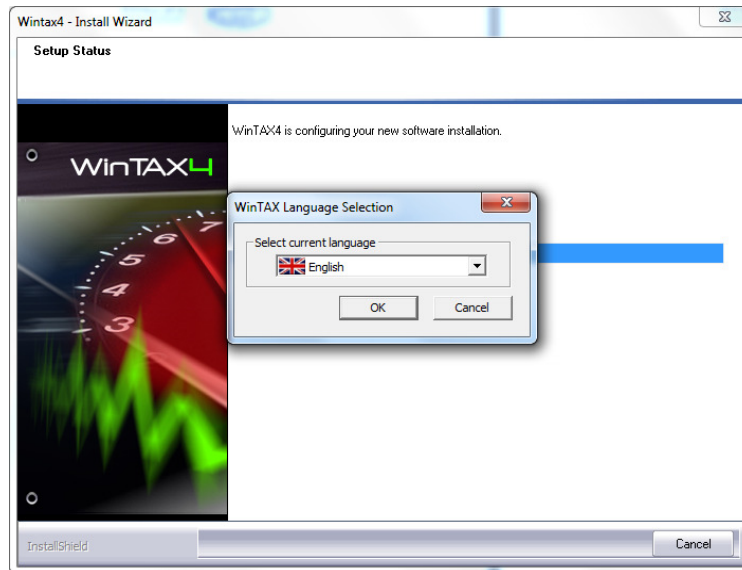
Choose the install path where you wish to install WinTAX4.



Wintax asks to install ffdshow application with all drivers for video functionality. Install it as default option.



Select your preferred language for Wintax.



If at the end of the installation a reboot of the PC is prompted, please carry it out otherwise some components will not be installed correctly.

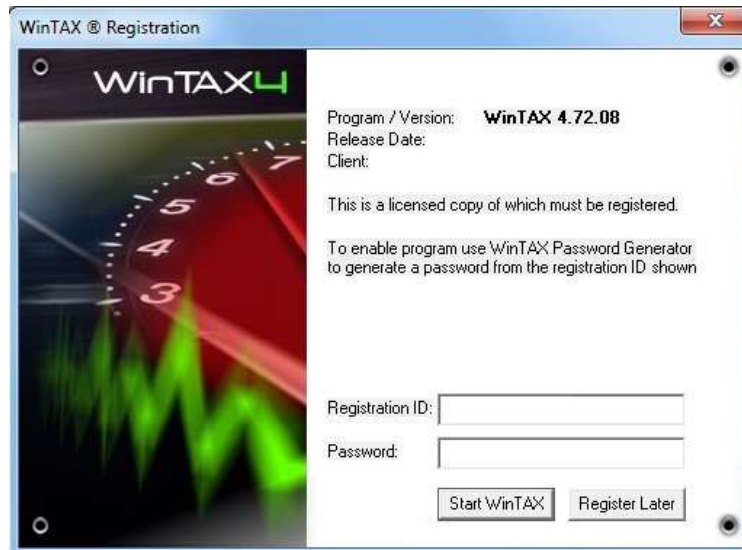
After the installation is complete, run WinTAX4.

Note: To run WinTAX4 correctly, the user must have administrator privileges.

REGISTRATION

Run WinTAX4.

On the first run, a registration window will be presented requiring the user to insert a Registration ID and a password.



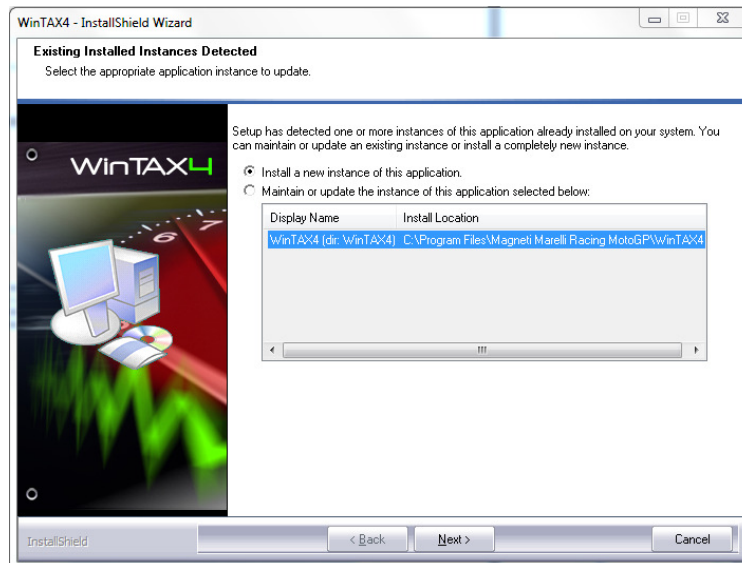
The password is generated by MM Motorsport upon specific request in a limited number, as agreed.

Once received, enter the generated password and press Start WinTAX4.
After the first successful start, WinTAX4 will not prompt again for a password.

1.2. Subsequent installation

Close Wintax.

Run setup.exe from the installer package. The installer package allows at users to Update/Repair the current installation or remove it. Select Update/Repair then continue.



If at the end of the installation a reboot of the PC is prompted, please carry it out otherwise some components will not be installed correctly.

After completion, run Wintax.

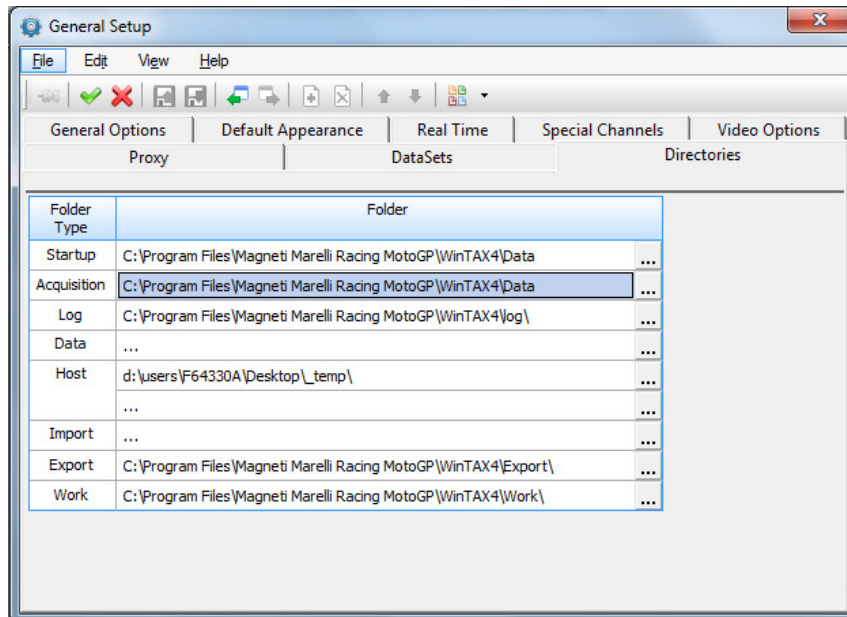
2. First Setting

2.1. Directories

Select *Setup / General* - Directories

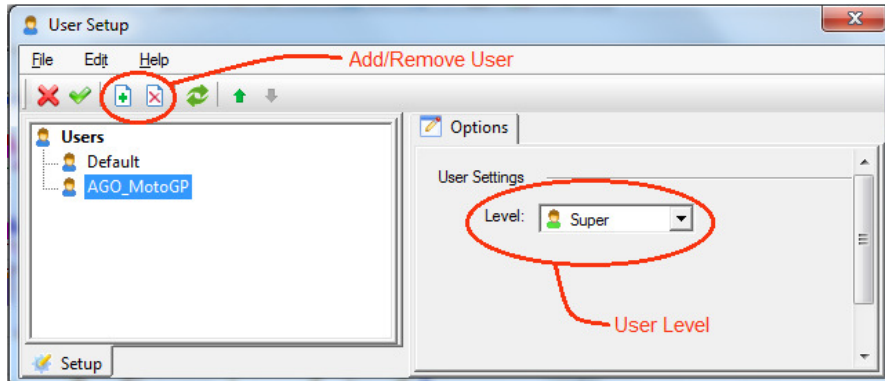
Set the directories for each Wintax function.

Startup	set folder when you open data.
Acquisition	set folder where you download data
Log	set folder for *.log files
Data	
Host	set host directory folder for make a copy of data when you download from logger.
Import	
Export	set folder for export files
Work	



2.2. User

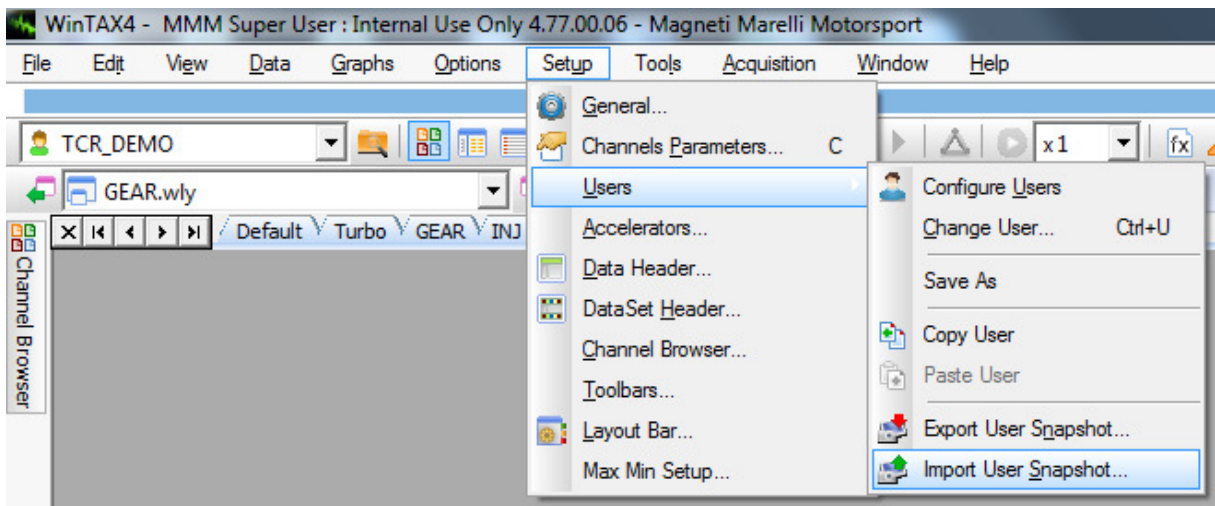
Select General / User / Configure User for User properties.



2.3. Import USER Snapshot

User can import and export snapshot.

Importing user (.zss extension) you can start from a pre-defined layout/window/channel/parameter and so.

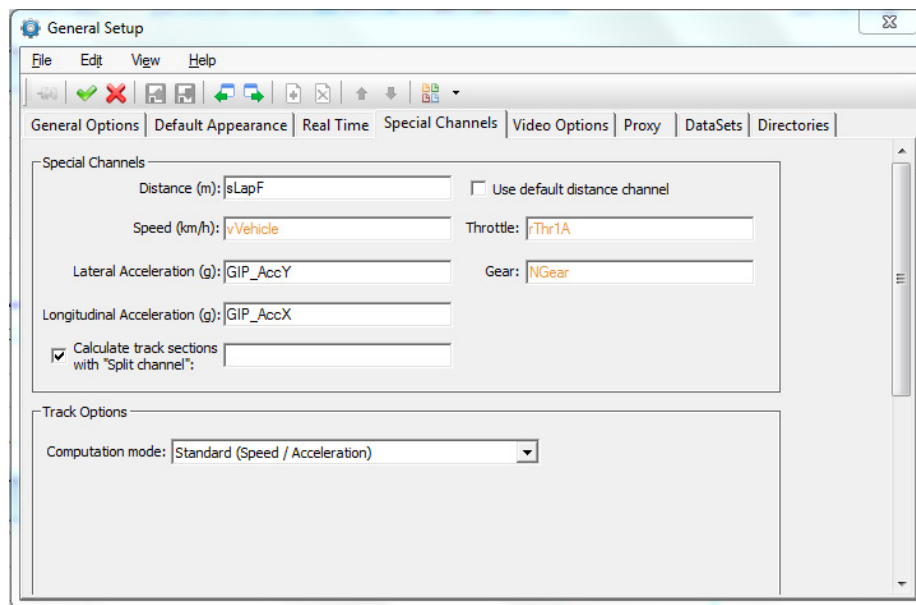


During import, confirmation questions are asking to overwrite local file with the user one, confirm with yes/yes to all.

2.4. Special Channels

Special Channels is the channels that it must be set for different Wintax functions. Like switch X axis from time to distance, check gear shift, circuit window, etc etc...

Select Setup / General – Special Channels



These channels depend from your device. For proper setting you may need at least one data opened.

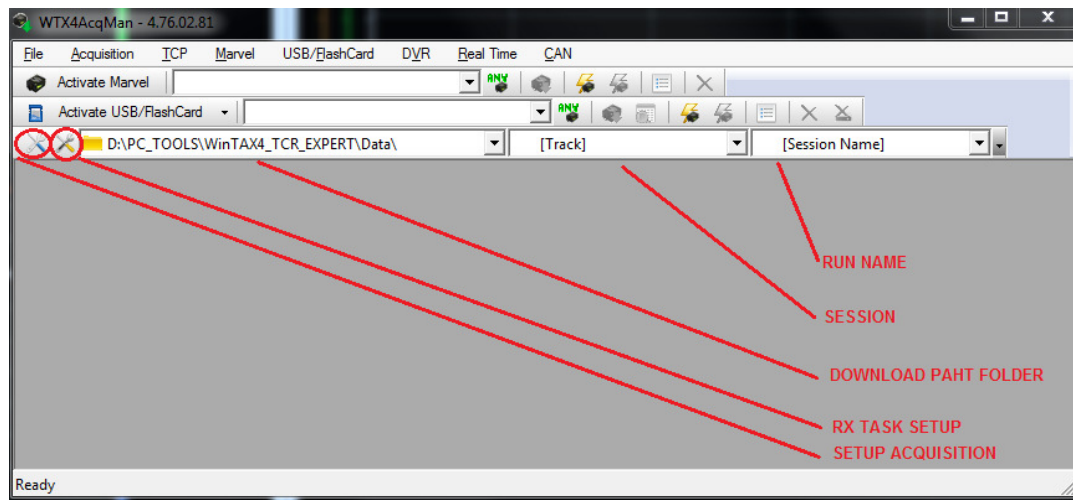
3. Data Download

ON TCR application the IP address default in CLX (and this should be changed by user) is **192.168.0.254** subnet mask **255.255.255.0**.

ECU doesn't have DHCP on it, user must force ethernet IP to fixed IP according with setting in CLX.

3.1. Wintax4 Acquisition Manager

Open Acquisition Manager for downloading data from the logger.
Select Acquisition / Acquisition Manager, then a new window will be opened.

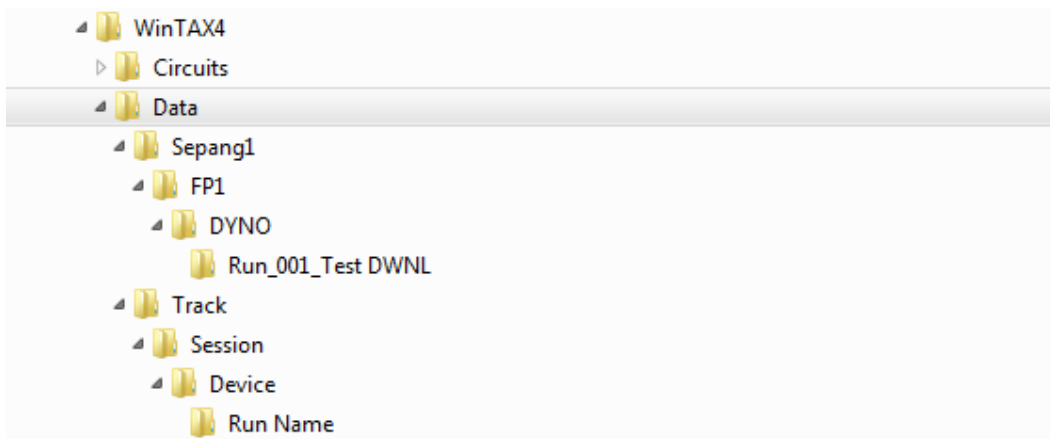


Data path folder is used for changing the data download folder like General Setup while Session and Run Name are simple shortcut to Setup Acquisition menu.

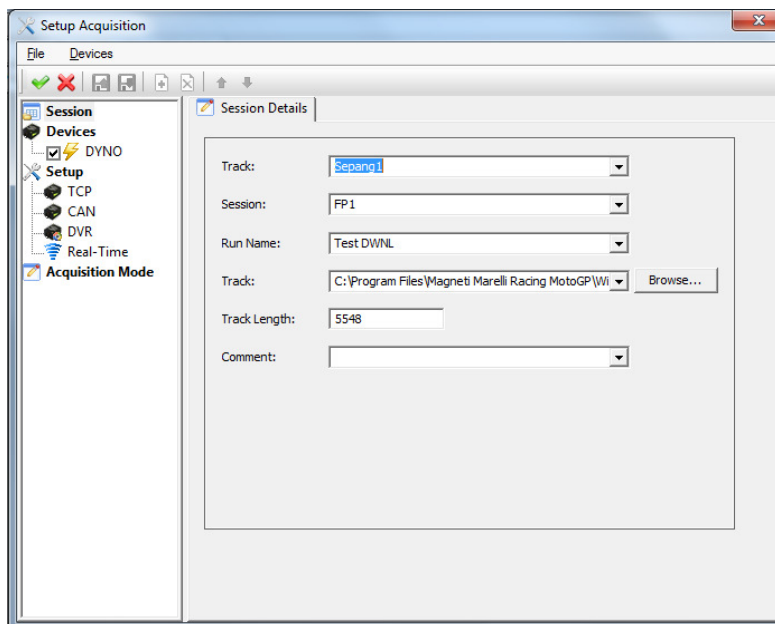
3.1.1. Setup Acquisition

Set in Setup Acquisition window all the information about your Session, Device, communication line Setup and Acquisition Mode.

As Wintax4/Data default path folder for data downloading, the data can be archived like:

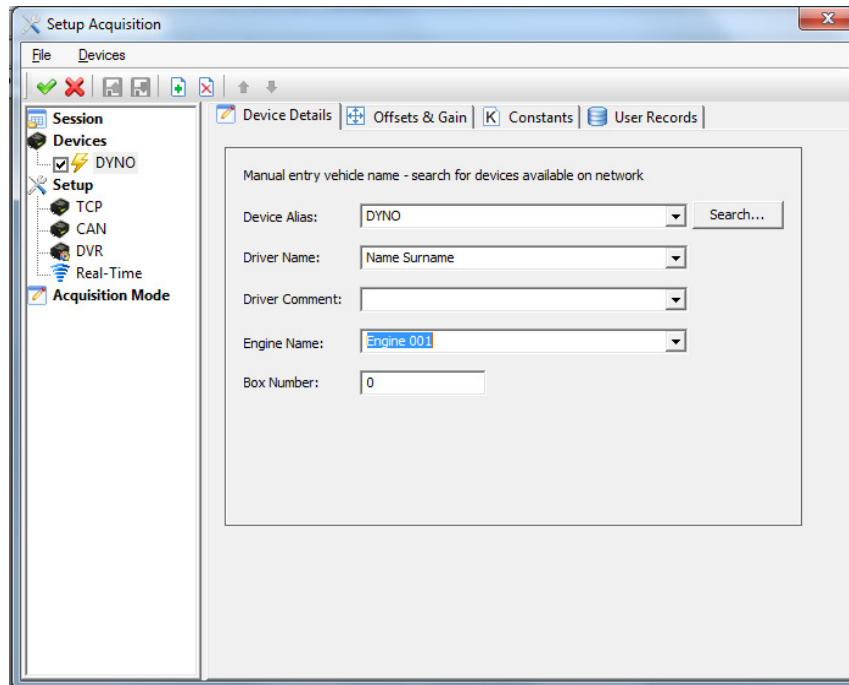


It can be also modified in Session information.





Set Device information:

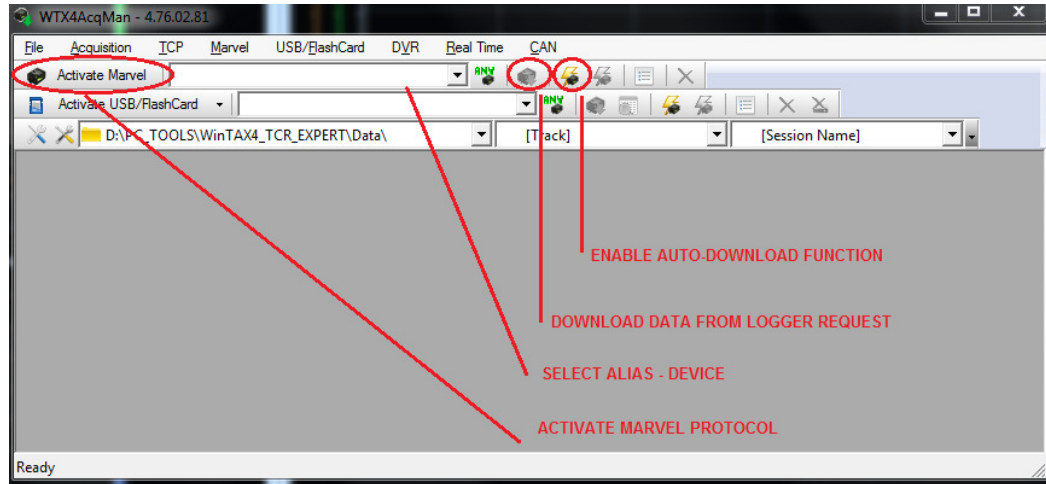


3.1.2. Download data from logger

Click on Activate MARVEL for turning on the communication between Logger and Wintax, then select the device, which you want to download data from. The Activate TCP icon becomes green as soon as the system detects the connection as available.

If Autodownload function is enabled, only the new data will be downloaded (if the folder is empty all logger data must be downloaded).

If not, you have to click on Download Data from logger and select which data you want to download. A New window is opened and it can be selected in the list of all data currently stored in the logger.



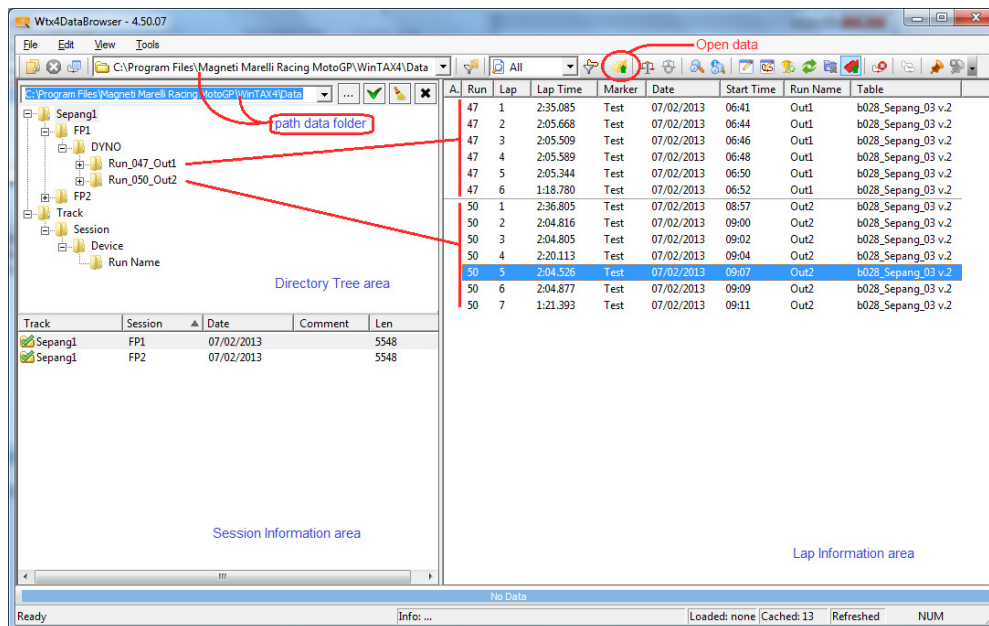
Click on Clear data MARVEL if you want to delete all data inside the logger.

4. Open Data

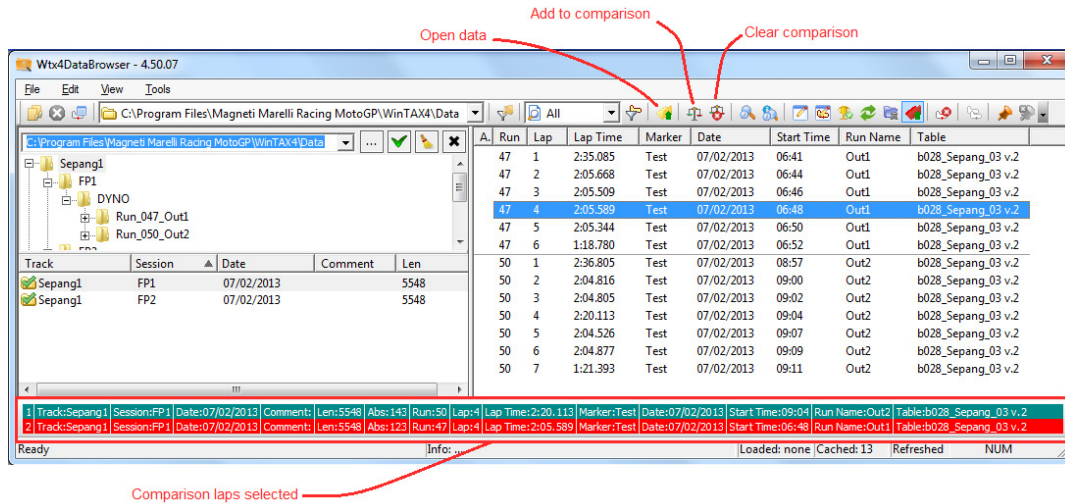
4.1. Wintax4 Data Browser

Select *File / Open Data*.

Wintax Data Browser window will be open at the folder path you have set in General Setup.

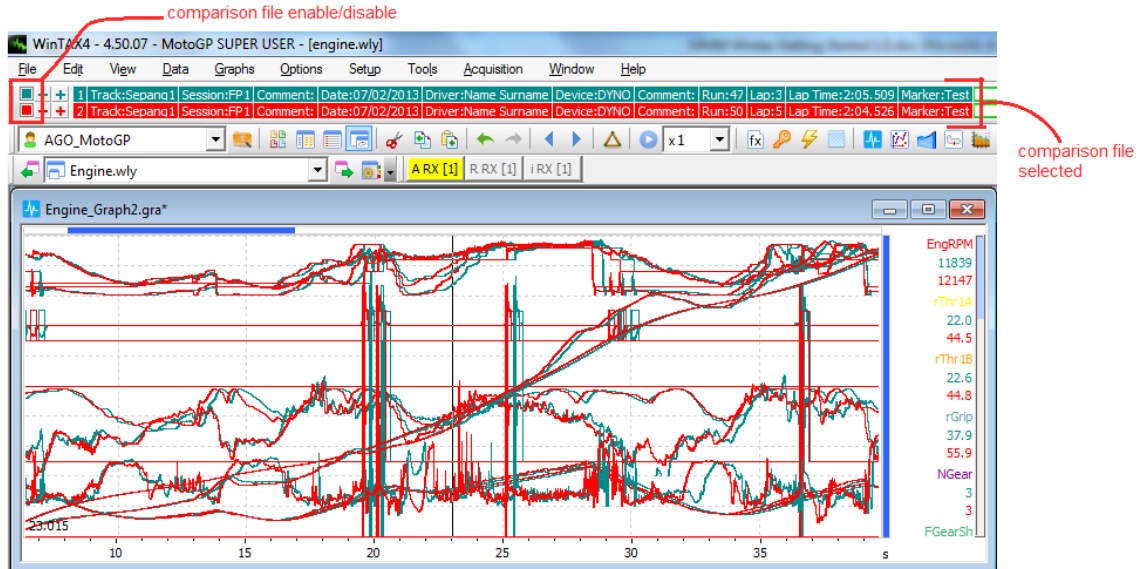


Select one or more laps that you want to open and click enter or press Open Data icon.



4.2. Data Compare

Clear data open clicking on Clear Comparison,
 Select first lap and click Add to comparison, select second lap and Add to comparison,
 select third lap etc etc.. until maximum 10 laps selected.
 Open data icon for open the comparison.

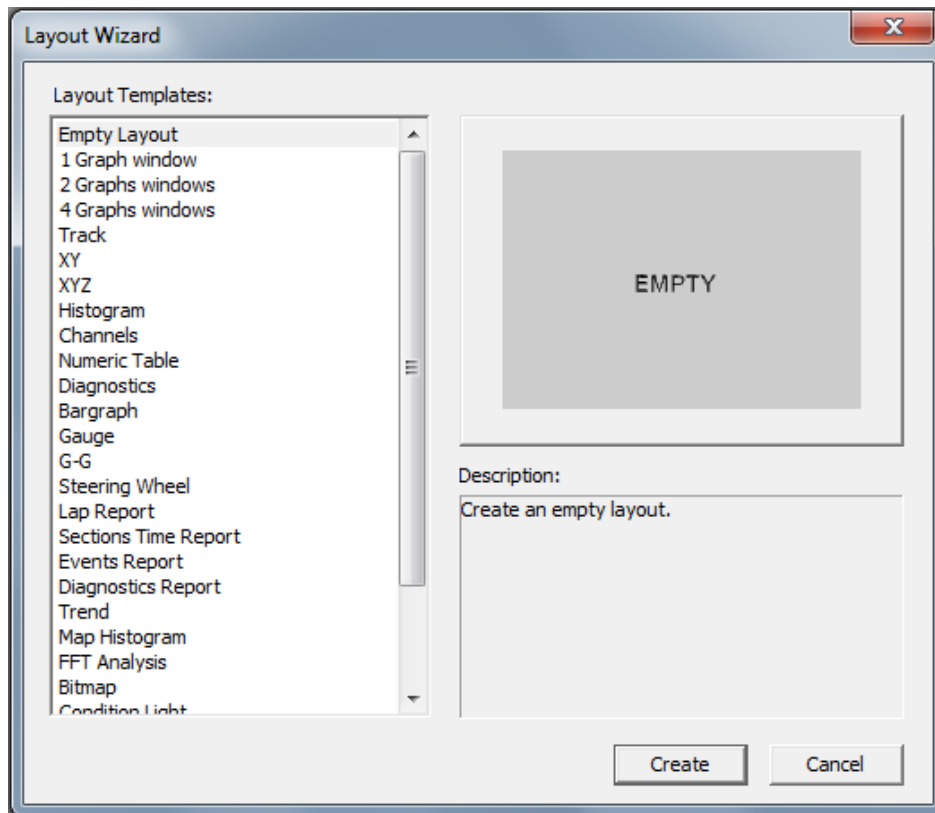


All functions used for a single lap will be also available in comparison mode.

5. Layout

5.1. To create a new layout

Select *File / Layout Wizard* and choose the kind of layout you want to create.



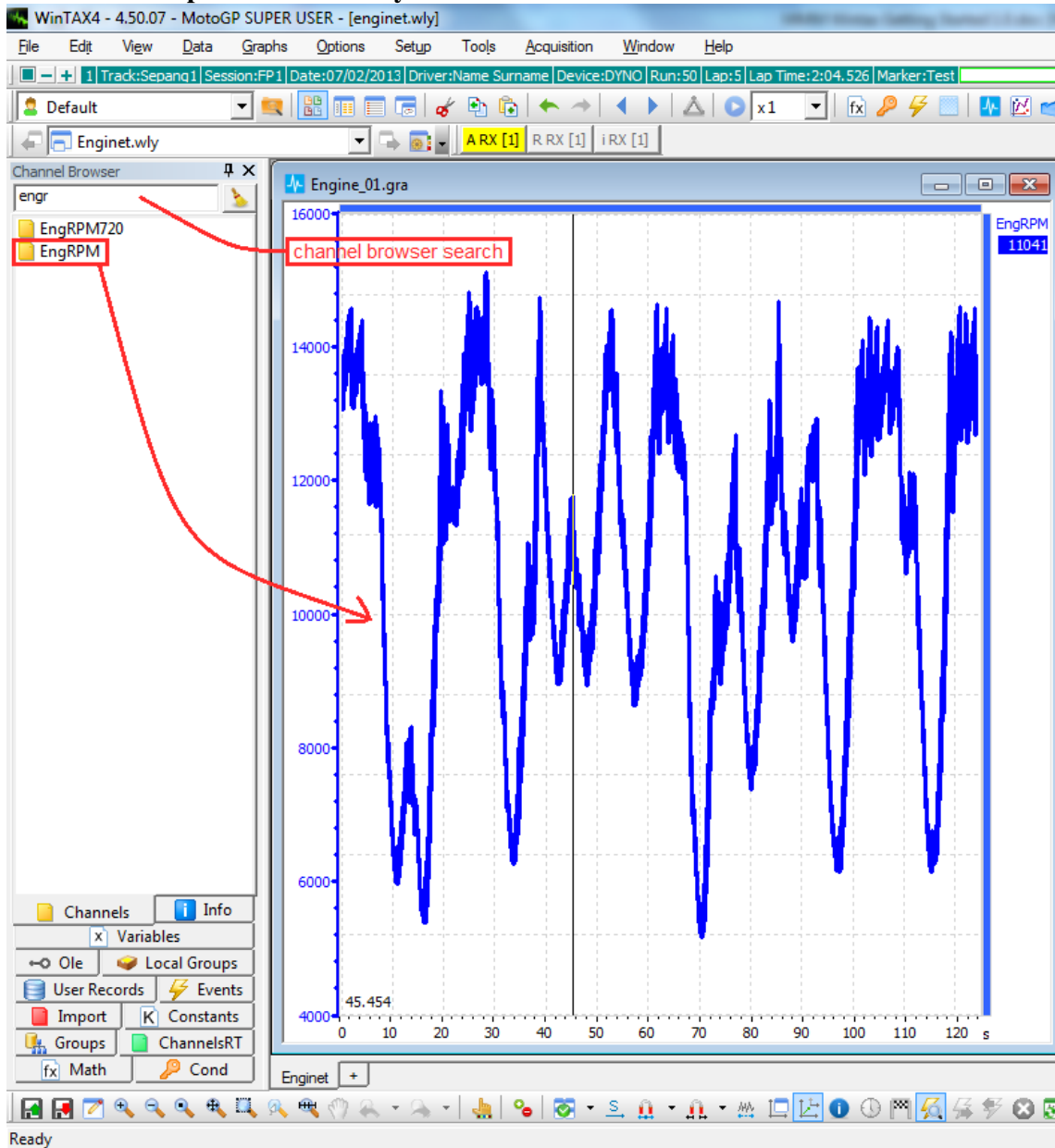
Then save with a new name.

Select in *Graphs Menu* the kind of windows.

Select *View / Channel Browser* for open channel browser window. Here select the channel to import in graph using Drag & Drop method.

Drag and Drop system is to select the channel by clicking on it with the left mouse button and always holding it down, drag it to the Graph windows.

IMPORTANT: channel list is available in the channel browser only if at least one data lap has been already loaded.

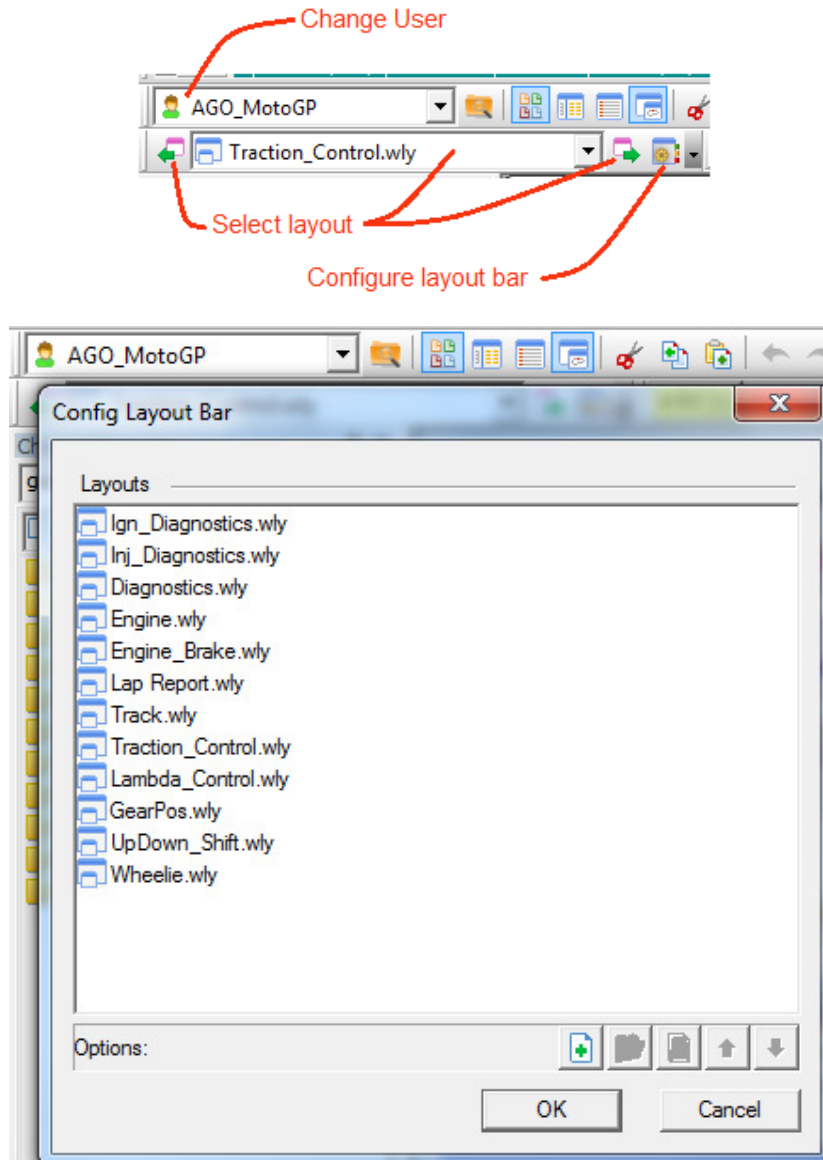


Save the modified graph and/or layout by the *File* menu.

5.2. To load an existing layout

Select *File / Load Layout* for choose the layout for load, ore use *Configure layout bar* icon in the layout toolbar.

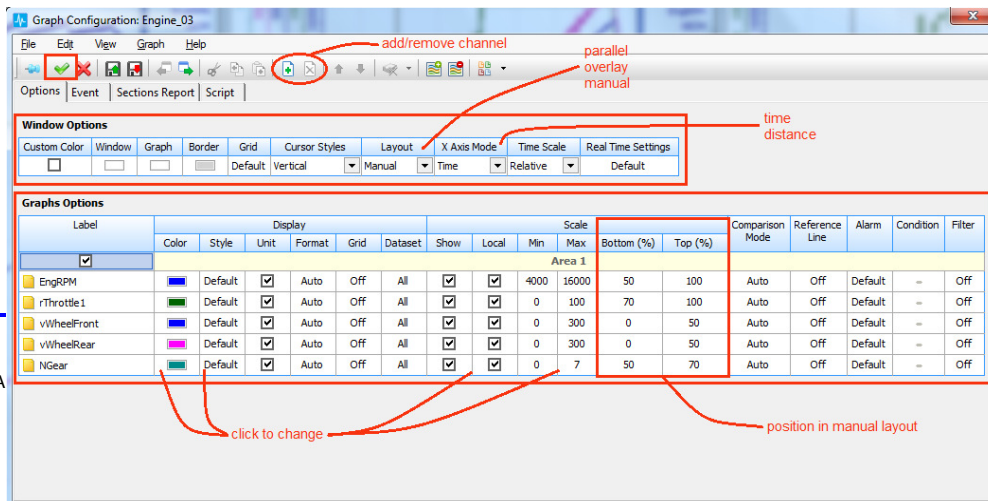
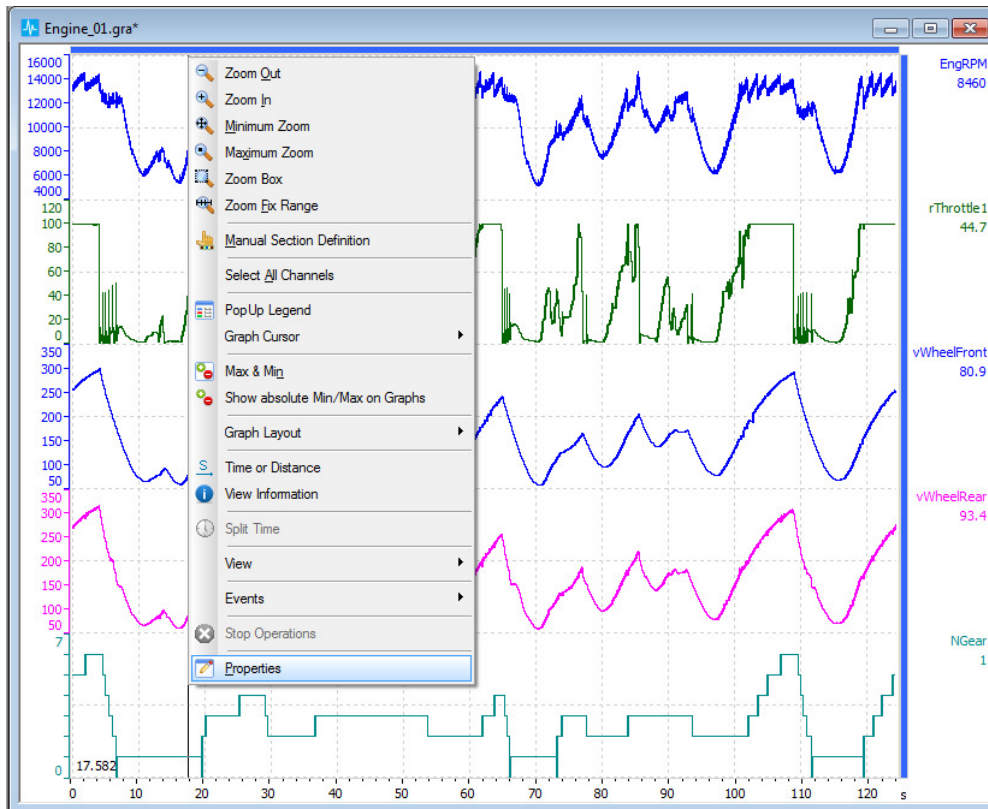
It is possible to load layout only from the current USER.



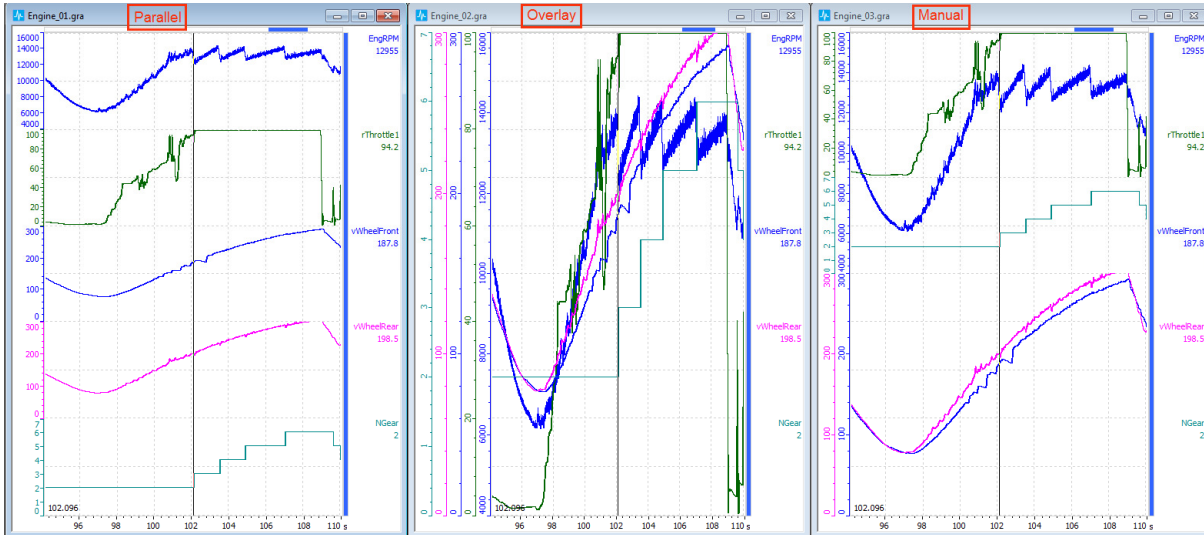
You can also move and organize the layout bar.

5.3. Window Properties

All properties of each window is configurable. Editing is available by right click button of the mouse.



Window layout is selectable.



Max & Min values and overall range can be set.

Max Min: Engine_03.gra

Selected Lap Loaded

Time Start: 01:34:148 - Time End: 01:50:045

Name	Min	Min X	Max	Max X	Avg	Avg(abs)	StdDev	Resolution	Samples
EngRPM	6135	<u>01:37:165</u>	14443	<u>01:43:365</u>	11209	11209	2706	0	3180
rThrottle1	0.2	<u>01:49:700</u>	100.1	<u>01:45:810</u>	60.7	60.7	41.5	0.0	3180
vWheelFront	76.2	<u>01:37:380</u>	292.7	<u>01:49:050</u>	182.2	182.2	75.3	0.0	3180
vWheelRear	76.9	<u>01:36:865</u>	307.9	<u>01:48:850</u>	193.1	193.1	78.6	0.0	3180
NGear	2	<u>01:34:155</u>	6	<u>01:47:055</u>	3	3	2	1	1590

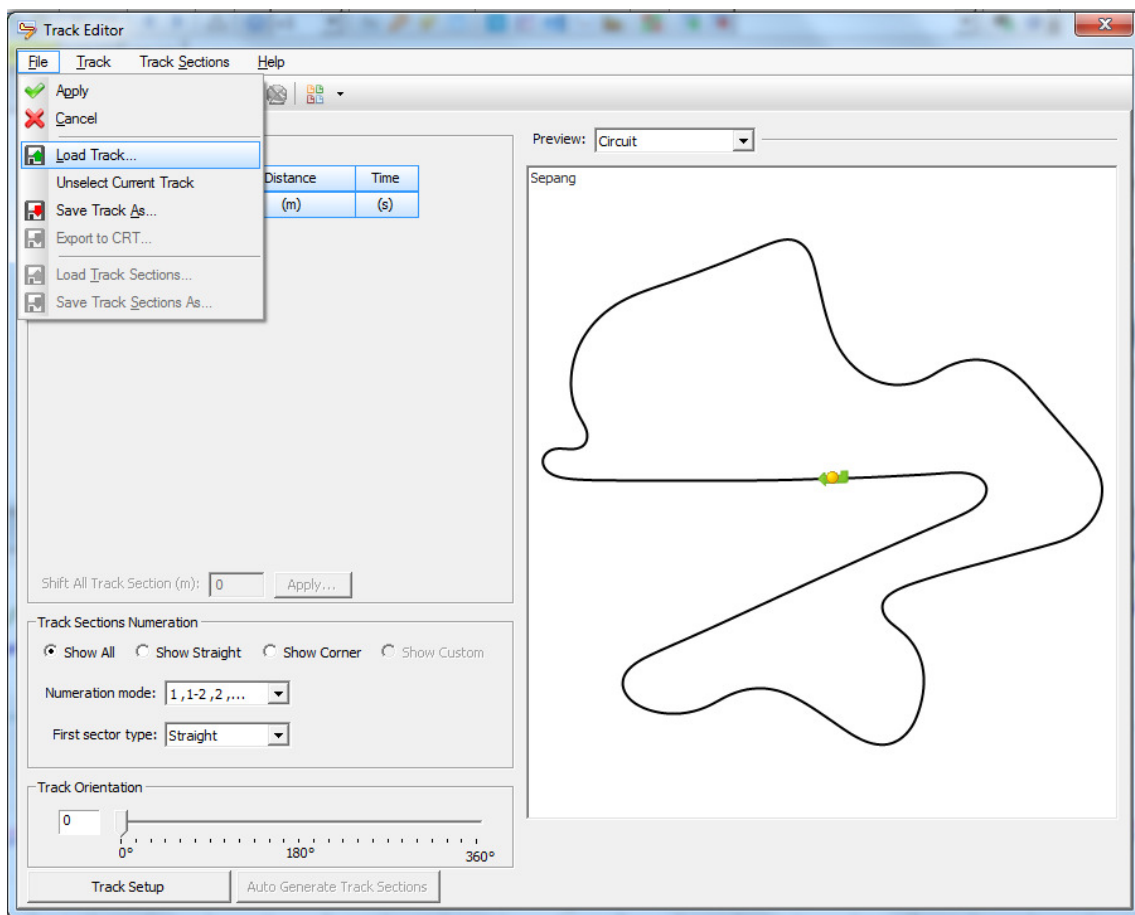
All these funtions are also availbale in the *Graph Toolbar*.



Check the *Help* for more information.

5.4. Circuit

Select *Tool / Track Editor* to load the circuit map (*.crt file) and check/modify setting of the circuit.



In *Track Setup* the circuit can be also generated by the way it is previously set in *Setup / General – Special Channels*.



The circuit can be showed in a layout window, it can be loaded by *Graphs / Track Window* or overlay on the wintax mainframe by *Pop Up Track* function. It is also possible to select it as transparent by *View / Pop Up Track*.

