



WCM Racing Tachometer & Hour Meter

Thank you for purchasing the WCM Racing Tachometer. This handy device accurately measures your engine's RPM as well as records your peak engine RPM for review after a run. This is very helpful for carburetor adjustment and getting your gear ratio just right for the track you race. It also keeps track of total hours of running. All these features are crammed into a small, lightweight and easy to mount package.

How it works:

This is an induction based tach that measures the ignition pulse of the engine translating it into RPM.

Getting Started:

- 1) Remove unit from box
- 2) Thread the included black wire up through the hole in the bottom left corner of the tach
- 3) Fold wire over and pass the wire into the other hole on front face of the tach.
- 4) Pull remaining wire such that the loop is flush with the front face.
- 5) Mount the tach on your car where you see fit and route your wire. Take care to avoid mounting in excessively hot areas (like on your muffler)
- 6) Wrap tach wire around the sparkplug wire at least 3 times and secure with a ty-wrap.
- 7) Cut excess wire.

Using This Thing:

- 1) First you have to set the ignition type for the motor you are using. For ¼ scale we need to have it set on "1P1r" Press the button 6 times and you will see "1P1r" when you see this let go of the button and it will set the type. This should be the factory default setting. For other applications, continue pressing the button to scroll through the other ignition types, release button on the desired one.
- 2) When engine is not running it will display the total hours of running.
- 3) When engine is running it will display the current engine RPM.
- 4) To see the MAX RPM, with the engine not running, press the button 5 times and you will see 2RPM at the top of the screen. This is your MAX RPM.
- 5) To reset the MAX RPM, on the 2RPM screen, press and hold the button for about 6 seconds until you see "00000" your max RPM is now reset.

Usage Notes and Troubleshooting:

- 1) The tach wire is user replaceable with any automotive grade 18-20 AWG wire up to 14 feet in length.

2) Take care not to nick, cut or splice the tach wire for it will not read correctly. If wire becomes damaged replace accordingly.

3) This product has service interval warnings that prompt the user to clean the air filter at 5 hours, change the oil at 10 hours and do the valves at 20 hours. You will see these menu options when you scroll through during normal use. This functionality can be ignored for our application for it gets reset when you reset the MAX RPM.

Again, thank you for your purchase of WCM Racing's Tachometer. If you have any trouble or questions feel free to contact me at Chogue@wcmrracing.com