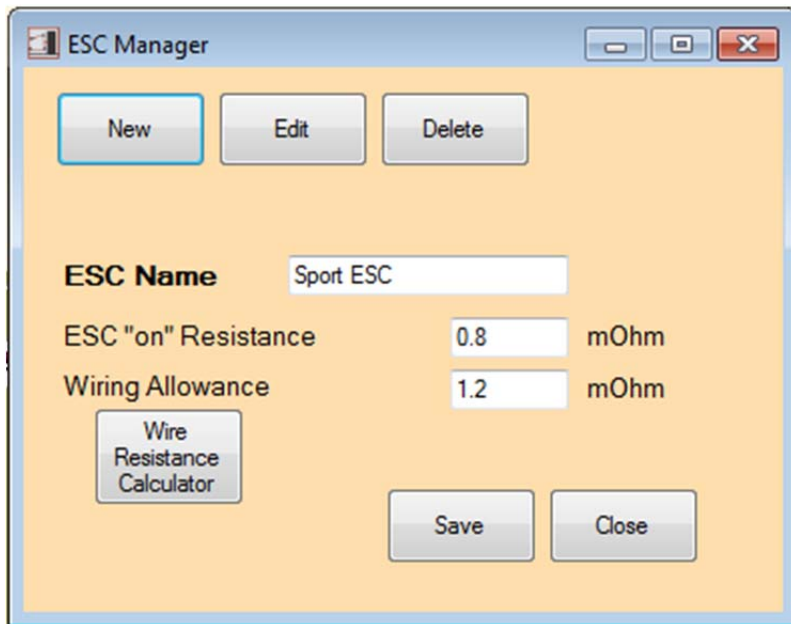


## ESC Manager User's Manual

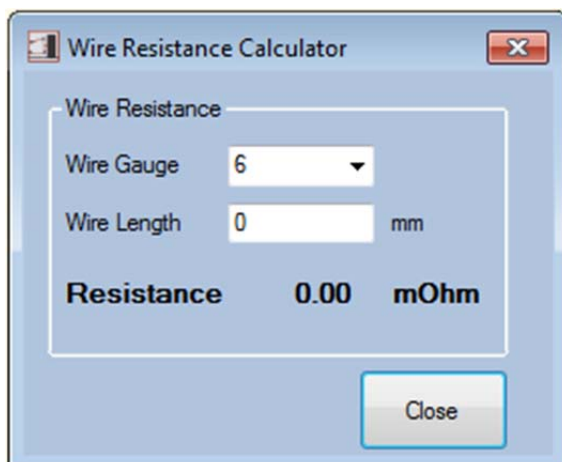
### General

The ESC Manager allows you to Edit, Add, Save, and delete ESC models.



A very simple analog model is currently used to simulate the ESC. Only the **ESC "on" Resistance** is required. This is a valid assumption since the ESC is only used in the acceleration simulation which assumes 100% throttle. Under these conditions simulation of the high frequency switching functions is not necessary. This value is normally provided by the manufacturer.

Also required is an allowance for **Wiring Resistance**. A wire resistance calculator is provided to determine an appropriate value for your car.



Select the wire gauge used from the drop down list and then enter the total length of wire used in the car. The wire lengths would be the length from the ESC to and from the battery and the motor.

The total resistance for the Wire Gauge and length entered is displayed.