

## HARBOR MODELS' POWER DISTRIBUTION PANEL

Main Power to the unit is made by connecting the red cable to the positive (red terminal) of your 12-volt battery. The black cable is connected to the negative terminal. Reversing the polarity will destroy the unit and void the warranty.

Twelve Volt outputs will individually supply 25 amp speed controls. To insure proper protection to speed controls, these circuits should be fused to 75% of the speed control's standard operating amperage.

Six Volt Each of the two circuits produces 3.5 amps. Great for lighting and small 6 volt accessories. DO NOT use to power 6 volt main drive motors.

Five Volt output supplies power for the radio receiver, and acts as a high amperage BEC. It will support 8 standard servos.

Three Volt outputs will easily support 15 3-volt "grain of wheat" incandescent bulbs.

Basic Operation requires the use of a 12 volt, 7 amp hour battery or higher. Voltage polarity for each output circuit can be found on the bottom side of the output terminal strip, see the image below for terminal strip polarity.

Cooling will ensure optimum operation. Mount the unit with at least 1/4 - 1/2" clearance underneath. Do not obstruct airflow to the fan, see the image below.

Six Month Warranty will be invalid if the unit is opened or tampered. Reversing the polarity of the input leads will void the warranty.

Direct questions to Harbor Models at (626) 963 4591 or [sales@harbormodels.com](mailto:sales@harbormodels.com)

