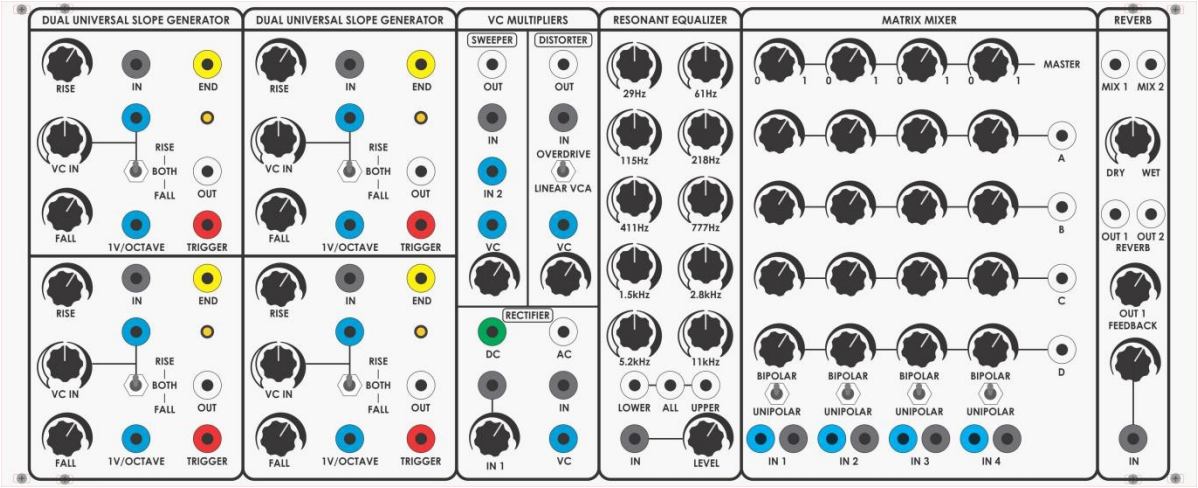
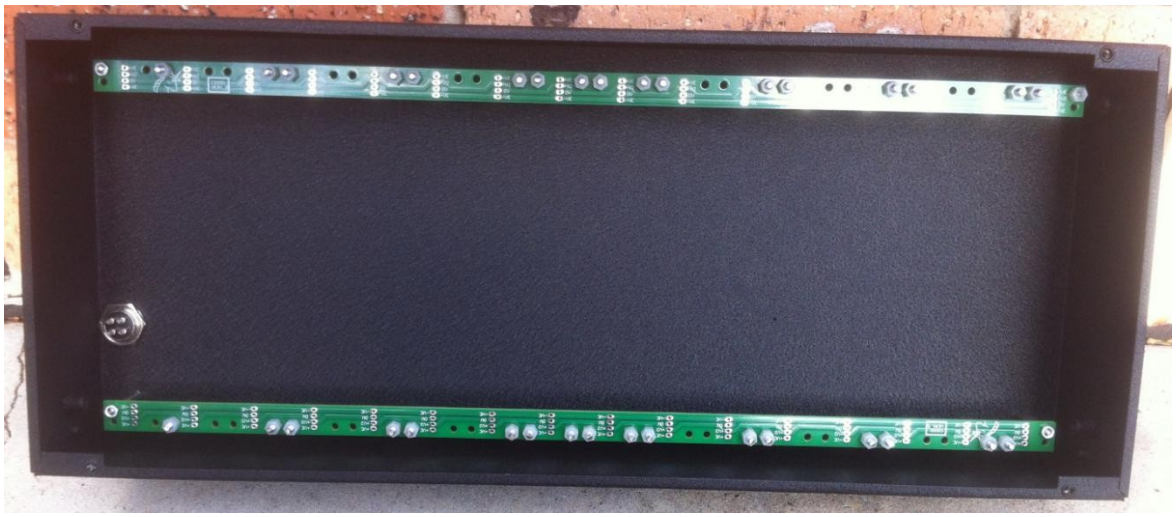
Voltron 6

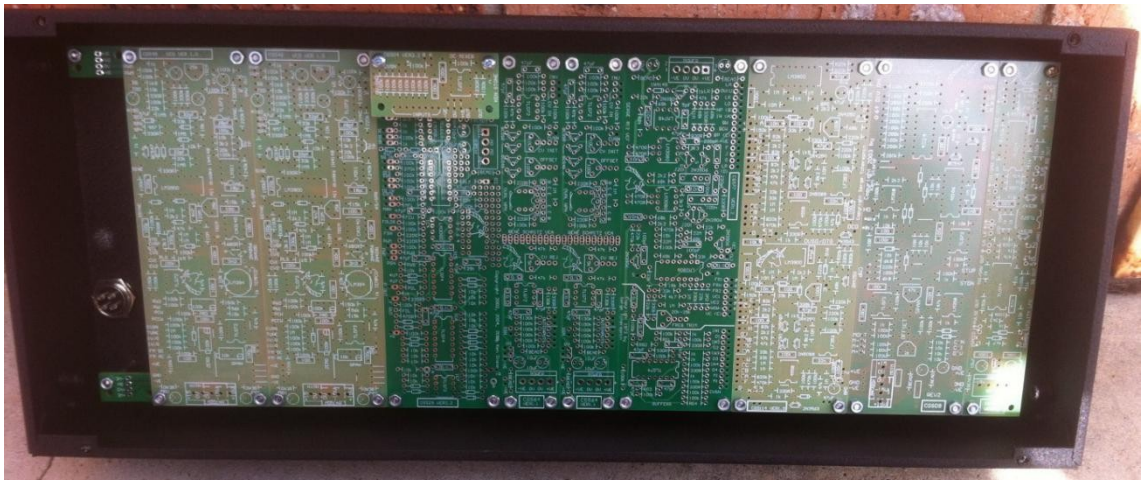


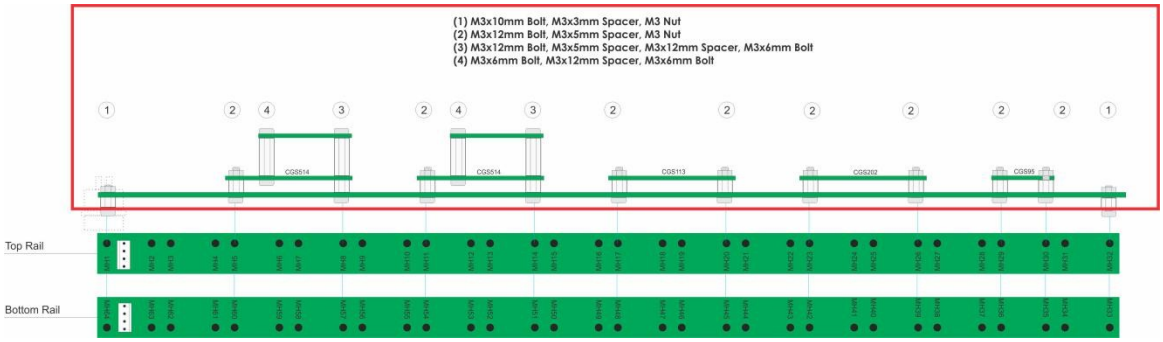
- 2 x CGS514 - Dual Universal Slope Generator
- 1 x CGS113 - VC Multipliers
- 1 x CGS522 – Resonant Equalizer
- 1 x UNI33 - Matrix Mixer
- 1 x CGS95 - Reverb

We recommend using our CGS391 Mounting Kit to mount all of the PCBs. This kit should, normally, be mounted in the base of the boat (may be mounted on the rear of the front panel but requires that the front panel has 4 mating holes to attach the kit). The picture below shows the BOG CGS91 Mounting Kit installed in to one of our custom BOCGS BUD enclosures and also shows the power-in socket at lower left.



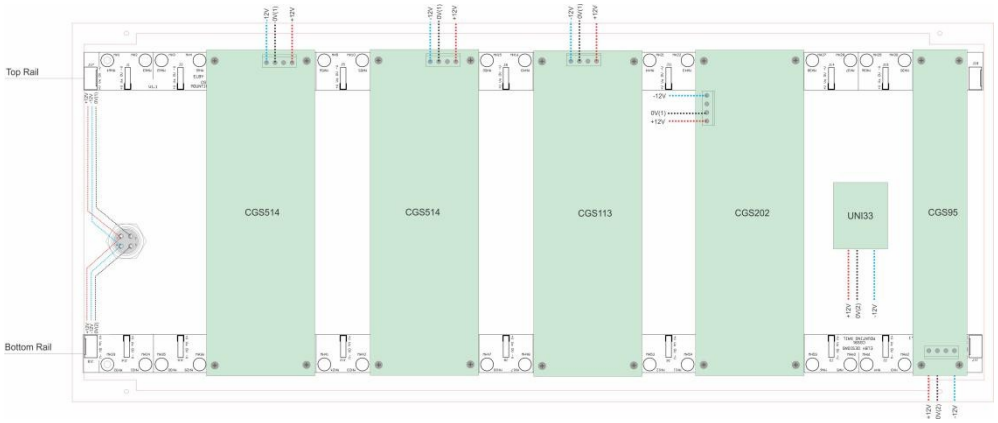
The picture below shows the BOG PCB Set installed





Voltron 6 PCB Mounting Guide

To minimise possible interference between the 'audio-based' modules and the 'control-based' modules it is suggested you utilise the upper and lower CGS91 as shown in the wiring guide below -



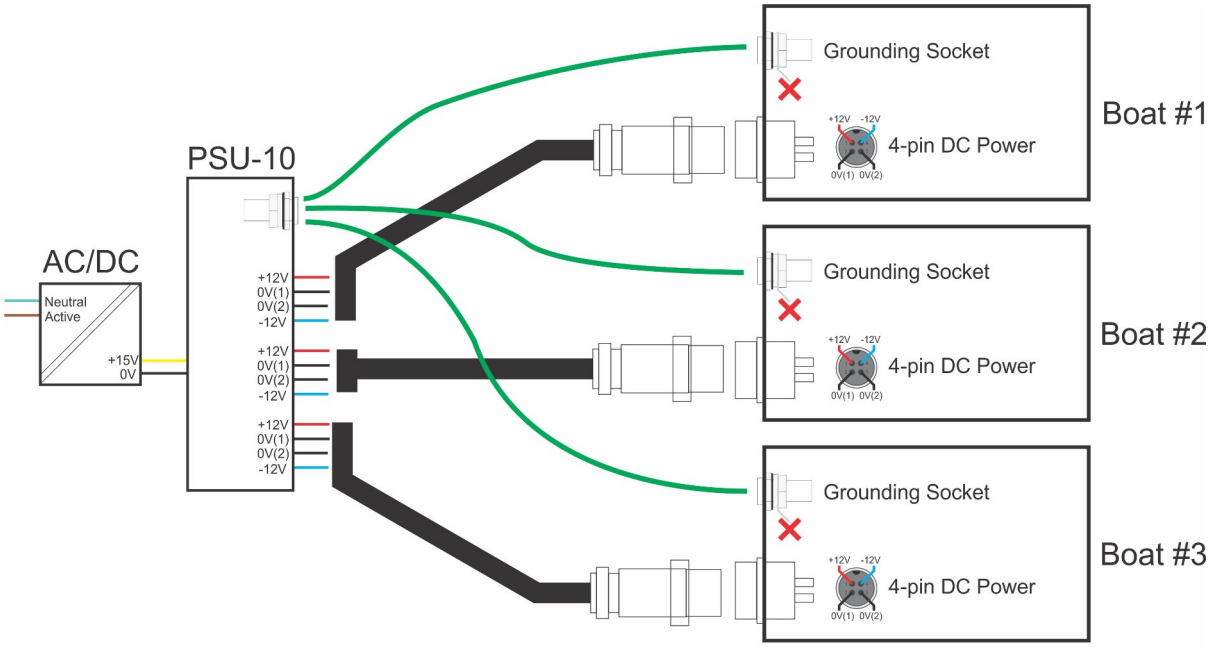
Suggested power wiring for the Voltron 6 (click for larger image)

Refer to the following Build Guides for each of the modules:-

CGS514
CGS113
CGS522
UNI33
CGS95

Chassis Ground

The current run of AC423-CGS enclosures include a mounting hole to take a 4mm grounding socket. When fitted this socket is ‘bonded’ to the metal of the enclosure and can then be connected to a ‘common ground’.



Suggested Power Wiring Configuration

The diagram above shows a recommended configuration for the power and ground wiring. Each boat is connected by (a) a 4-pin DC power cable and (b) a chassis ground cable, back to the main power supply (PSU-10 in our case).