

# VECTRONICS DC-35 High Current DC Outlet

**READ ALL INSTRUCTIONS BEFORE OPERATING THIS EQUIPMENT !**

Thank you for purchasing the DC-35 High Current DC Outlet. The DC-35 is very versatile in allowing you to channel power to two HF or VHF radios and as many as six different ham radio accessories at the same time. The DC-35 alleviates the problem of multiple connections to the same DC power supply terminals.

The DC-35 has six sets of binding posts for station accessories. A front mounted rocker switch controls power to these outlets. A 15 amp master fuse protects your accessories and a LED indicates switched power on. Each pair of 35 amp heavy duty binding posts is individually fused to 35 amps. Fuses are accessed through the back of the unit. The voltage meter monitors output voltage from your power supply and a LED indicates power "ON". All connections are RF bypassed to reduce line noise.

## Power Rating

The unswitched binding posts on the DC-35 can handle up to 35 amps each but should not have a combined total of over 35 amps. The switched accessory outlets can handle 5 amps each but should not carry over a maximum combined total of 15 amps. It is the operator's responsibility to insure that all equipment connected to the DC-35 falls within connection power ratings.

The DC-35 can not be used for AC applications. The DC-35 does not regulate voltage or power in any way. The output to equipment is dependent on the power supply output. The maximum voltage is 24 volts at 17.5 amps for unswitched outlets or 7.5 amps for switched accessory outlets.

## Installation

**WARNING: Reversing the (+) and (-) leads will damage station equipment !**

Connect the two leads of the DC-35 to your DC power supply. The red (+) cable should be connected to the positive (+) terminal and the black (-) cable connects to the negative (-) terminal of the power supply. A ground wire should be connected from the station ground bus to the ground terminal on the case of the DC-35. Due to the high current involved the ground wire should be of appropriate length and gauge for safety to equipment and the operator.

