

# MFJ-1118 *High Current Multiple DC Outlet*

## INTRODUCTION

Thank you for purchasing the MFJ-1118 High Current Multiple DC Outlet. The MFJ-1118 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 MFJ-1118 alleviates the problem of multiple connections to the same DC power supply terminals.

The MFJ-1118 has six sets of binding posts for station accessories. Affront mounted rocker switch controls power to these outlets. A 15 amp master fuse protects your accessories and an 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 an LED indicates power "ON". All connections are RF bypassed to reduce line noise.

## POWER RATING

The unswitched binding posts on the MFJ-1118 can handle up to 35 amps each but should not have a combined total of over 35 amps. The switched accessory outlets can handle five amps each but should not carry over a maximum combined total of 15 amps. It is the operators responsibility to insure that the equipment connected to the MFJ-1118 falls within connection power ratings.

The MFJ-1118 cannot be used for AC applications. It 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

Connect the two leads of the MFJ-1118 to your DC power supply. The red (+) cable should be connected to the positive (+) terminal and the black (-) cable should be connected 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 MFJ-1118. Due to the high current involved, the ground wire should be of appropriate length and gauge for safety to equipment and the operator.

