MFJ 1117 *High Current DC Outlets*

Thank you for purchasing the MFJ-1117 High Current DC Outlets. The MFJ-1117 is very versatile in allowing you to connect to as many as four (4) different HF or VHF radios at the same time. The MFJ-1117 alleviates the problems of multiple radio connections to the same *DC power supply terminals. Posts A and B each has a 35 amp fuse individually. Posts C and* D are fused with one 35 amp fuse to handle a combined total of 35 amps.

Note: While you may connect up to four (4) radios to the MFJ-1117, you may not draw more than 35 amps at one time.

The MFJ-1117 is not a power supply. The output voltage and current of the MFJ-1117 depend on the output voltage and current of the main DC power supply that the MFJ-1117 is connected to.

POWER RATING

Posts A and B can handle up to 35 amps each. Post C and D can handle 35 amps in combination.

For example:

*WARNING: The **MFJ-1117 cannot be used for** AC application. The DC output level of each* pair of posts is dependent upon the DC level input going into the MFJ-1117. The MFJ-1117 does not regulate voltage or power in any way.

Input of 12 VDC, then the output will be 12 VDC.
Input of 6 VDC, then the output will be 6 VDC. Input of 24 VDC, the the output will be 24 VDC.

The maximum voltage is 24 volts DC at 35 amps.

INSTALLATION

Connect the two leads of the MFJ-1117 to your DC power supply. The red (+) lead connects to the positive (+) terminal and the black (-) lead connects to the negative (-) terminal. A ground wire should be connected to the GND post on the case for safety purposes. Due to the high current involved, the ground wire should be of appropriate length and gauge for safety to equipment and

CAUTION: Drawing too much current or reversing the positive (+) **and negative(-) leads of the MFJ-1117 will damage your station equipment.**

the operator.