

# MFJ-4115 Instruction Manual

Thank you for purchasing the MFJ MIGHTY LITE Switching Power Supply. The MFJ-4115 is designed to supply up to 17 amps intermittent or 15 amps continuous current at 13.8 VDC. Input AC voltage 100V – 120V fused at 4 Amps. Over voltage and over current are protected.

## Operation:

The MFJ-4115 has a fixed output voltage at 13.8 VDC. Connect the load to the binding posts on the front of the unit before turning on the unit. Connect positive wire to the red post and negative wire to the black post. After the load is connected, turn power switch to the 'ON' position.. Green power LED will be turned on. The cooling fan will also be on when the power is turned on.

## Protection:

The MFJ-4115 will automatically shut off if over current or over voltage conditions occurred. Fault LED will come on. To reset, turn power switch to OFF for 1 minute then turn power switch ON to restart. Be sure the fault LED is off before using the unit.

The MFJ-4115 has a 4 amp AC line fuse located inside the unit. Replace with 4 amps fuse.

## Caution:

- 1. DO NOT USE THE UNIT FOR BATTERY CHARGE.**
- 2. DO NOT USE FOR LAMP OR MOTORIDE EQUIPMENT WHICH REQUIRE HIGH CURRENT AT START IT MAY DAMAGE THE UNIT.**
- 3. DO NOT BLOCK THE AIR CONVENTION SLITS TO KEEP THE EFFICIENT HEAT RADIATION.**

## LIMITED 12-MONTH WARRANTY

MFJ Enterprises, Inc. Warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, Inc. to be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original of machine reproduction or such proof-of-purchase to MFJ Enterprises, Inc. at the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product under warranty, provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for \$7.00 covering postage and handling.
3. MFJ Enterprises, Inc. will supply replacement parts free of charge for any MFJ product under warranty upon request. A dated proof-of-purchase and a \$7.00 personal check, cashiers check, or money order must be provided to cover postage and handling.
4. This warranty is NOT void for owners who attempt to repair defective units. Technical consultation is available by calling (662) 323-5869.
5. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises, Inc.
6. Wired and tested PC board products are covered by this warranty provided on the wired and tested PC board product is returned. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense unrepaid.
7. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person property by the use of any MFJ products.
8. Out-of-warranty Service: MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
9. This warranty is given in lieu of any other warranty expressed or implied.
10. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
11. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed to MFJ Enterprises, Inc., 300 Industrial Park Road, Starkville, Mississippi 39759, USA and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.
12. This warranty gives you specific rights, and you may also have other rights which vary from state to state.