FOR USE ON 10 METER AMATEUR BAND ONLY....ILLEGAL ON 11 METER CB BAND..

Kit is furnished with Aluminum Heat Sink, and Factory Assembled/Tested RF Amplifier PCB.

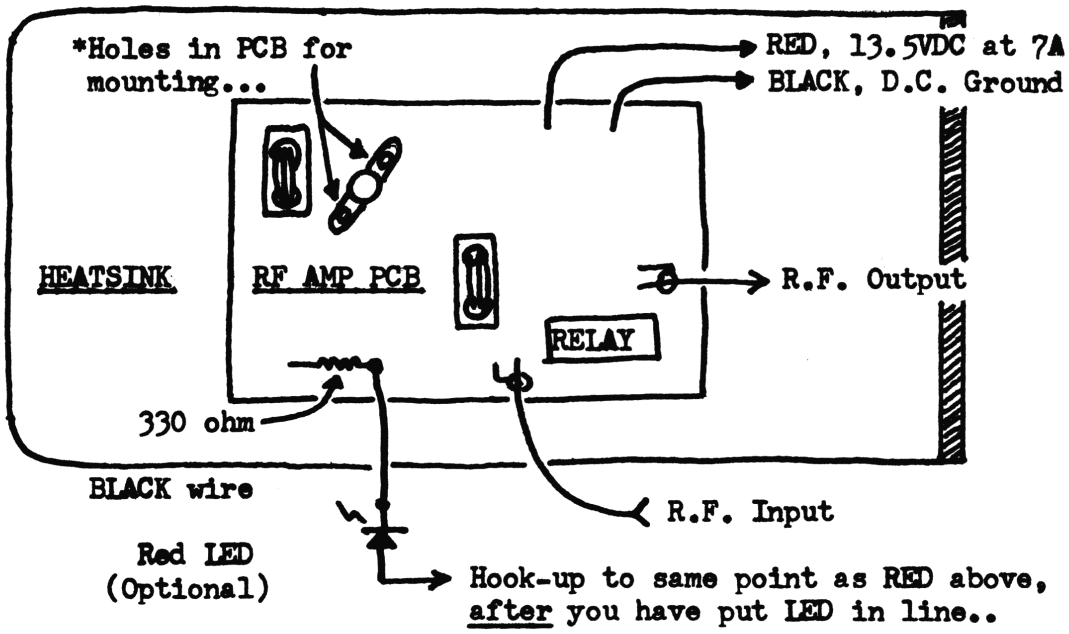
Instructions:

1. Drill 2 holes in the Aluminum Heat Sink for mounting the Power Transistor. Use liberal amount of heat sink compound when mounting.
2. Connect RED wire to 13.8VDC/6 or 7 Amp source. (Note: Will probably have to use a separate switch for this; other than present ON/OFF switch; as the current required is higher than most set's capabilities.)
3. Connect BLACK wire to D.C. Ground.
4. An LED may be added for power indication. Solder the Anode to 13VDC source, Cathode to BLACK wire that goes to 330 ohm resistor.

Specifications:

A.M. - 4 Watts input; 35 Watts output, drives 55W PEP at 6 Amps.
S.S.B. - 12 Watts PEP input; 55W PEP output at 7 Amps.

HOOK-UP DRAWING

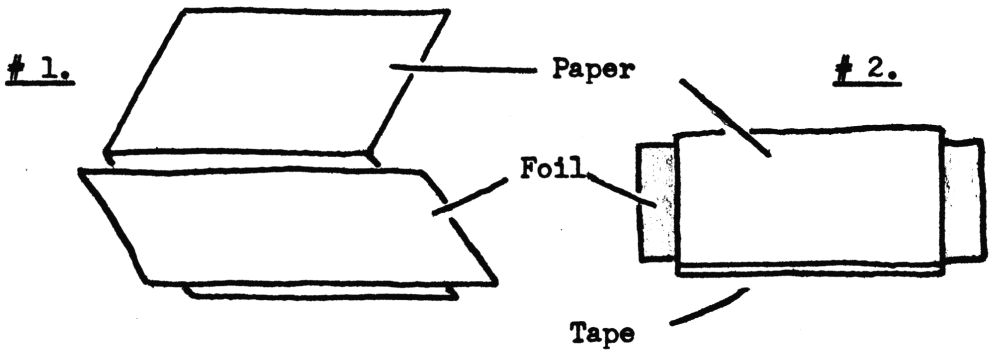


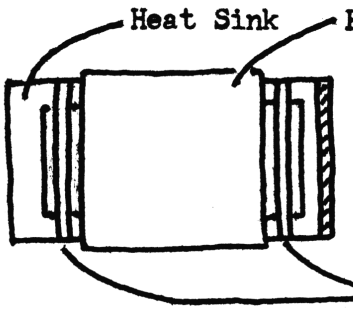
We have found that when installing the 10 Meter Amp in a radio additional shielding is required to prevent feedback. To make a simple RF shield do the following: Use piece of 'un-glazed' notebook/typewriter paper and aluminum foil. Fold paper in half; insert piece of aluminum foil (cut to fit, with approximately 2" hanging out on sides); tape the folded over long side together. - make sure no foil is exposed on the long side.. Place the shield over the RF AMP PCB; making sure no foil contacts the PCB; securely tape the aluminum foil to the heat sink. Bend the excess paper shield around the heat sink and tape securely also. SEE DIAGRAM

The folded edge of heat sink must also be drilled to attach to CHASSIS GROUND...

KIT-137...10 METER RF AMP..(Cont.)

Shielding Diagrams:





Suggested Wiring Hook-up.