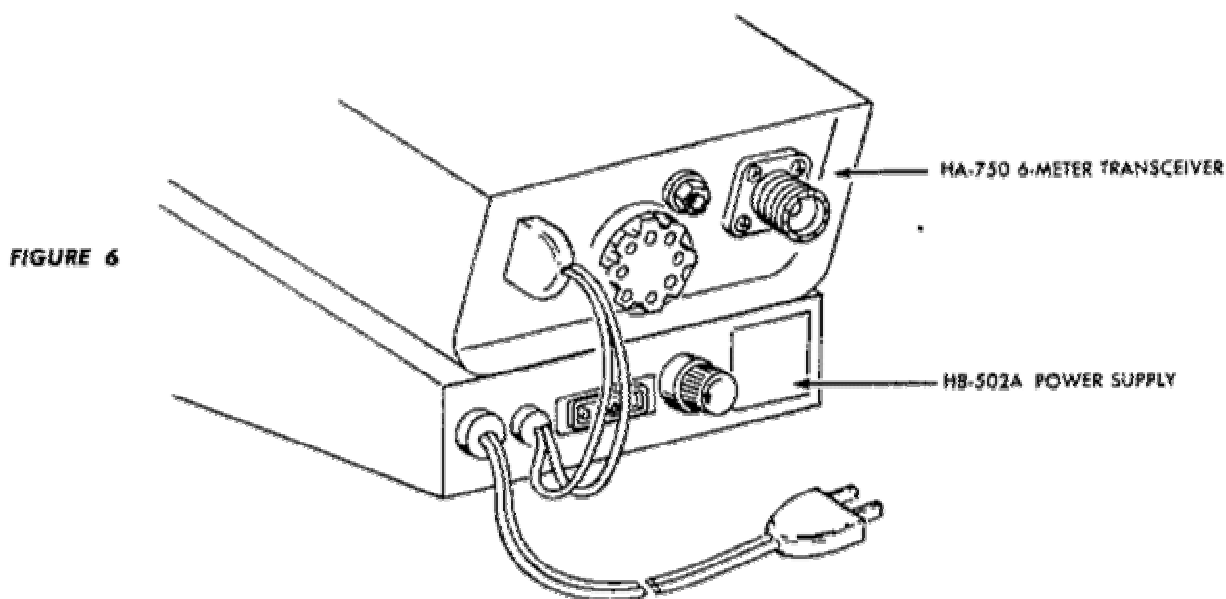


## BASE STATION INSTALLATION

As supplied, the HA-750 is designed to operate from a 12 volt DC battery source. For 110 volt 50/60 cycle AC operation, the Lafayette solid state power supply Model HB-502A is required.

The HA-750 conveniently mounts on top of the HB-502A power supply for base operation. Connection of the power supply is simple -- the HB-502A power plug plugs into the power socket on the HA-750; the AC line cord connects to an outlet supplying 105-120 volts, 50/60 cycles AC.



## ANTENNAS

The HA-750 is designed to be used with any 6-meter antenna providing 30-100 ohms (Nominal 50 ohms) impedance. Antenna polarization is very important at these frequencies and should be considered when choosing an antenna. Generally speaking, the antenna polarization should be compatible with that of the stations you will normally be in contact with.

The antenna should be connected to the antenna receptacle on the back of the unit using RG-58/U (RG-8/U is recommended for lengths in excess of 100 feet).

It is important that the antenna be adjusted for the lowest possible VSWR at the operating frequency. Additional information on antennas may be found in the ARRL Handbook or in the ARRL Antenna Manual.

## OPERATING INSTRUCTIONS

### NEVER ATTEMPT TO TRANSMIT WITHOUT AN ANTENNA CONNECTED

Make sure the HA-750 is properly installed for mobile or base operation (as indicated previously) and that the antenna and power source are connected. If you have not already done so, plug the microphone into the MIC receptacle. If other than the standard microphone is used, any push-to-talk dynamic (low impedance) microphone may be used if wired in accordance with the microphone wiring diagram in Figure 7. Additional microphone plugs are available from Lafayette Radio Electronics under stock number 49-0283.