

Turn the unit on. Plate voltage should read between 3000-3300 Volts DC.
Turn the unit off.

2.8 Cable Installation (See Figure 2.8.1)

- a. Using a 6 ft. length, connect a 52-Ohm coaxial cable (RG-8U or equivalent) between your transmitter's RF OUTPUT to the LK400/500 series RF INPUT connector.
- b. Using another short length of coaxial cable, (RG-8U or equivalent,) connect the LK400/500 series RF OUTPUT connector to a suitable wattmeter.
- c. Using the necessary length of coaxial cable, (RG-8U or equivalent) connect the wattmeter output to your antenna system.
- d. Select an appropriate length of shielded cable and install an RCA connector on one end and the appropriate connector for your transceiver at the other end.
- e. Install the shielded cable between your transmitter accessory contacts on the transmitter rear apron and the RLY plug on the rear apron of your LK400/500 series linear amplifier. These should be normally open contacts capable of carrying 100 mA, which close when you desire to transmit.
- f. See your exciter operators manual for details.

2.9 Ground Requirements

For best results your amplifier should be attached to a good earth ground by as short in length, and as large as possible, ground strap. A ground post is provided on the rear apron for this purpose. It is always a good idea to connect the chassis of all associated equipment together and ground them at one point to avoid ground loops. We recommend that all of the equipment in your station be connected together and grounded at the antenna tuner.