

8122 MATCHING

With the power off remove both 8122's. Block the air flow through the chassis at the 8122 socket with the neutralization tab. Install the first test 8122 in the unblocked socket. Set all drive controls to zero. Power up allow a minimum of 3 minutes warm up time. Switch to the TUNE function. Adjust the bias for 100ma plate current. Measure the bias voltage on pin 3 of the installed tube. Label the tube with bias reading and repeat the process with all tubes on hand. Best functioning tubes will fall between -25v and -31v.

Generally speaking:

- >Tubes requiring grid voltage less than -25v are low GM tubes.
- >Tubes that exceed -37v are extremely high GM or gassy tubes. The AALC will not function well with these tubes.
- >Tubes with that fall between -32 to -36v will function, but may suffer loading and neutralization difficulties.