

## ADDENDUM TO HX-50 INSTRUCTION BOOK

1. The RF Tank Shield has been modified to the new cut down version. This is to simplify installation of 160 Meter Kit and to lengthen life of 6DQ5 tube through better heat dissipation. The RF cover or cage has also been removed for these same reasons.
2. There has been a relay adjust modification installed in the unit which incorporates a 1 meg ohm potentiometer mounted on the rear skirt of the chassis.

Adjustment of the pot is accomplished by setting the operations switch to VOX and the function switch to CW (key open) or AM. Now vary the pot from one end to the other until you hear the relays close. Back off until the relays open. Now key the transmitter and touch up the setting of the pot until proper operation is obtained.

3. L-107 has been changed from 2.2 uh to 2.0 uh. This is to increase the drive on 40 Meters.
4. R-144 is changed from 4.7K to 3.3K 1/2W. This increases the level of the calibrate signal.
5. There has been added a modification which reduces the idling current through the 6DQ5 tube to approximately 5 MA while the HX-50 is in Standby.

To adjust the Bias set the operations control to the MOX position and the function control to either USB or LSB. With no modulation applied, adjust the BIAS control for final amplifier idle current of 50 to 60 MA as indicated on the front panel meter (meter switch in the PA Cathode position.)

6. R-179 was deleted and replaced with bare wire.
7. L-114 and C-198 were deleted.
8. R-194 deleted to increase drive on 20 Meters.