

Frequency expansion for the TS-870S

From: Howard Ryder - W4NTW@ix.netcom.com

Here is your chance to prove how adept you are at microsurgery. This mod will enable the TS-870S to transmit on MARS, CAP and other frequencies.

- 1 Remove top and bottom covers.
- 2 Remove the top screw from each side of the front panel assembly.
- 3 Carefully rotate the front panel forward to gain access to the control board (x53-3560-11 a/4). This board is mounted vertically against the body of the transceiver. It is not the board that is mounted in the front panel assembly.
- 4 Locate and remove resistor R244 from the control board. R244 is below IC12 ROM and above IC23. There are two chip resistors, one on top of the other -carefully remove or break the top one..it is easily fractured -that's R244.
- 5 Reassemble and then perform the CPU reset by holding the A=B button depressed as power is turned on.