

SERVICE BULLETIN

FT-230R REPEATER MODIFICATION

The FT-230R, as purchased, is set to operate in Simplex Mode, Repeater Mode and Reverse or "Anti-Repeat" Mode. In Reverse Repeater Mode the memory system is not functional, and the FT-230R operates \pm 600 kHz as if it were a 600 Repeater.

This modification converts the FT-230R for "+/Simplex/—" Split (\pm 600 kHz). The memory system operates in all three modes.

Remove the 4 screws at the rear of the set and 2 screws on each side which hold on the covers. Remove both covers and unplug speaker leads. Remove the 4 cheese head screws near the front of the unit, 2 per side (not the countersunk screws). Remove the 2 screws holding in the control unit PC board; also the stand offs and screw holding in the switch unit. Carefully move these circuit boards to expose the back of the "RPT" switch. Remove knob,

nut, and washer from the "RPT" switch, and remove from the case. Cut the green wire from the switch and resolder to the contact near the black wire of the switch (see Fig. 1). Replace the switch, knob, both PC boards and screws.

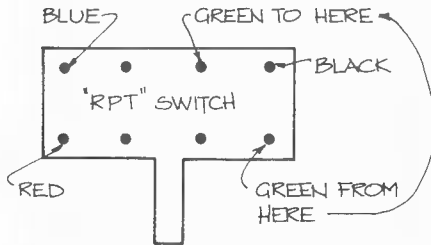


FIG. 1

Locate the CPU IC on the control unit (large square IC on second vertical PCB in front of unit) and the circuit board glued on top of the CPU. Remove green wire and

resolder on to the pad next to the anode end of the diode which connects to the same board (see Fig. 2).

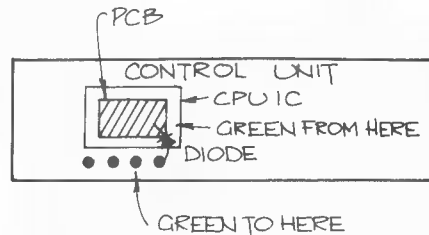


FIG. 2

Re-assemble the radio and remove "REV" sticker on "RPT" switch on front panel ("RPT" switch now reads "+/Simp/—").

This information has been kindly supplied by Dick Smith Electronics, Technical Bulletin No. 74. ■