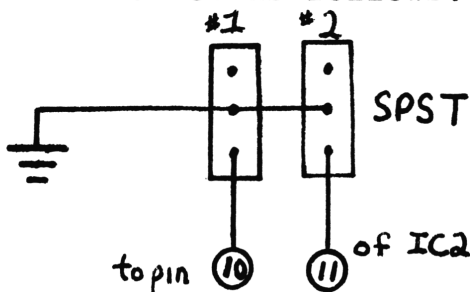


REALISTIC TRC 450 (MB8734 CHIP)

Channel Expansion:

- 1) Change IC2 to an MB8719 PLL Chip.
- 2) Unground Pin 10 of IC2.
- 3) Wire the switches as follows:



This will give channels from 26.815-28.045 in various combinations.

Widebanding Clarifier:

- 4) Remove C81
- 5) Change R84 to a 47K ohm ½watt resistor.
- 6) Run GRAY wire on clarifier to pin 1 of IC5, to pick up 8V regulated source for Receive and Transmitt.
- 7) Ground BLACK wire on Clarifier.
- 8) Clip D36
- 9) Clip R187 (if there).
- 10) Adjust VCO L13, for coverage on all channels.
- 11) Replace D37 with a Super Clarifier Diode.
- 12) Adjust CT3, for USB; L19, LSB; L20, for AM.
- 13) VR6- AM Power.
- 14) AM Modulation - Clip D42 (near transformer).
- 15) VR7- SSB/ALC.
- 16) Readjust VRS for minimum carrier on LSB and USB with no modulation input (if steps 4 and 5 are carried out).

Refer also to pages 25-27.