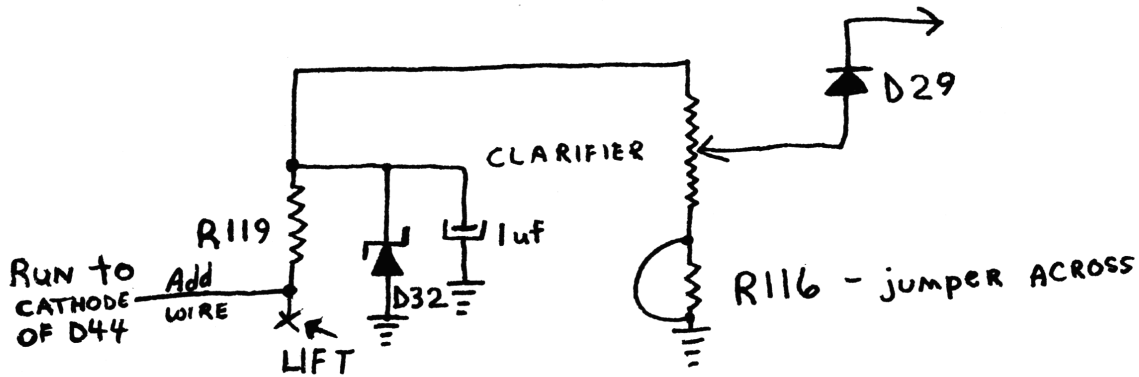


REALISTIC TRC 457

CLARIFIER

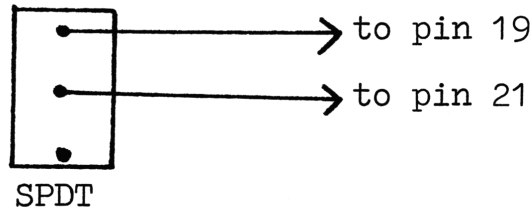
1. Clip D30.
2. Clip R117.
3. Lift end of R119 opposite D32-R119 junction.
4. Solder a wire onto this end and other end should go to the cathode of D44. See below.



5. Change D32 to an 8.7 volt zener diode.
- ~~6. Change R162 to a 1K resistor.~~ → will NOT BE ABLE TO CENTER SLOT CLARIFIER AFTER THIS
7. could not find R116 IN the chassis

FREQUENCY EXPANSION

1. Isolate pin 19 from ground, 858 PLL Chip.
2. Solder a 4.7K resistor from pin 19 to ground.
(Use resistor removed in Step 6 above.)
3. Connect a toggle switch as follows:



This will yield frequencies to 27.805. If you are interested in coverage from 26.085 thru 28.045, order our kit #20.

WIDEBANDING AND TUNE-UP

1. Locate L37 coil. Refer to 'The Art of Widebanding' In Volume 5, page 44.

VR8 Tx AM Power CT7 SSB ALC VR7 AM AMC VR12 PWR Meter

Adjust L39, L37, L32, L30 for maximum.

L27 is the TVI adjustment. RT301 adjusts AC power supply @ 13.8 volts.