

Frequency Conversion

- 1) Cut the p/c trace on pin 8 of IC10 and isolate pin 8. *IC 304 → 132XLR*
- 2) Move the green jumper wire from pin 8 to the other side of the cut and solder.
- 3) Install a 100k ohm $\frac{1}{4}$ w resistor from pin 8 to ground.
- 4) Solder a wire to pin 8 and one to the other side of the p/c cut. Let this hang loose as it will be used later.
- 5) Solder a wire to pin 7 and one to pin 16 and let them hang loose. They also will be used later.
- 6) Install two miniature SPST toggle switches in a convenient place and connect one to the wires from pin 8 and the other side of the p/c cut. This is SW#1.
- 7) Connect the other switch to the wires from pin 7 and 16. This is SW#2. This completes the mod switch #2 which will give you the upper channels. Switch #1 + #2 will give you the lower channels.
- 8) *Pin 2 of IC 304 is USED for 10KC JUMP or DROP. cut the trace of pin 2 and solder a 100K $\frac{1}{4}$ w resistor across the cut solder trace, apply to pin 2 either VCC or ground to shift 10KC ~~see below~~*

Frequency Program Chart

Down - SW 1 & 2	Down - SW 1 & 2	Down - SW 1 & 2	UP - SW 2	UP - SW 2
26- 26.945	18- 26.855	10- 26.755	11- 27.405	19- 27.505
25- 26.925	17- 26.845	9- 26.745	12- 27.425	20- 27.525
24- 26.915	16- 26.835	8- 26.735	13- 27.435	21- 27.535
23- 26.935	15- 26.815	7- 26.715	14- 27.445	22- 27.545
22- 26.905	14- 26.805	6- 26.705	15- 27.455	23- 27.575
21- 26.895	13- 26.795	5- 26.695	16- 27.475	24- 27.555
20- 26.885	12- 26.785	4- 26.685	17- 27.485	25- 27.565
19- 26.865	11- 26.765	3- 26.665	18- 27.495	26- 27.585