

MIDLAND 78-574 (02A)

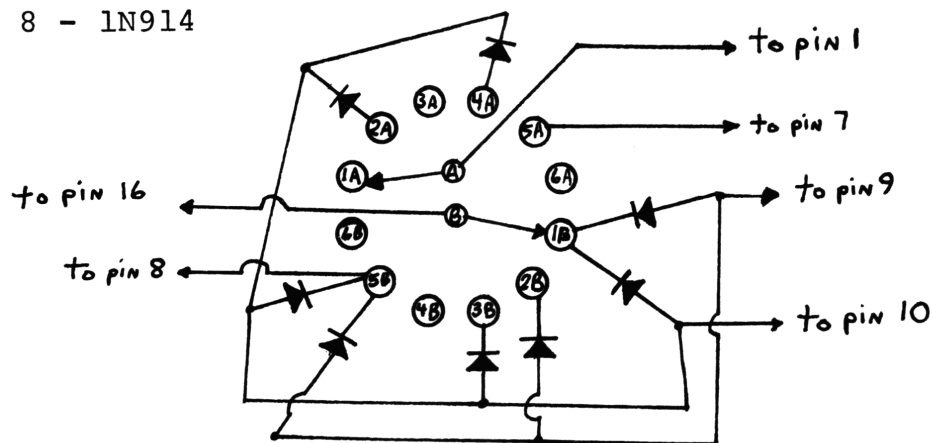
Clarifier

1. Clip D205.
2. Clip R221.
3. Run a wire from the unused terminals of the clarifier pot to the emitter of Q216.
4. Remove D204 and replace with a piece of wire.

Frequency Expansion

1. Isolate pin 7 of IC203 (PLL02AG) from ground by cutting the pc trace.
2. Solder a 1K resistor across the cut.
3. Isolate pin 8 and solder a 1K resistor across the cut.
4. Isolate pin 9 and solder a 1K resistor across the cut.
5. Isolate pin 10 and solder a 1K resistor across the cut.

Assemble 8 diodes onto a 2 pole 6 position switch as shown:



Adjust VCO for full frequency coverage.

Transmitter Alignment:

Adjust T204, T205, T3, T209, L209, L212, L214 for maximum RF output on USB.

RV1, RV2	Carrier Balance
RV206	XMTR Final Bias-Adjust for .7 volt.
RV3	SSB Mod. Gain
RV201	SSB RF ALC
RV9	AM Modulation Control
RV202	RF Power Meter
VR1	AM Power