

KRIS 200 M LINEAR



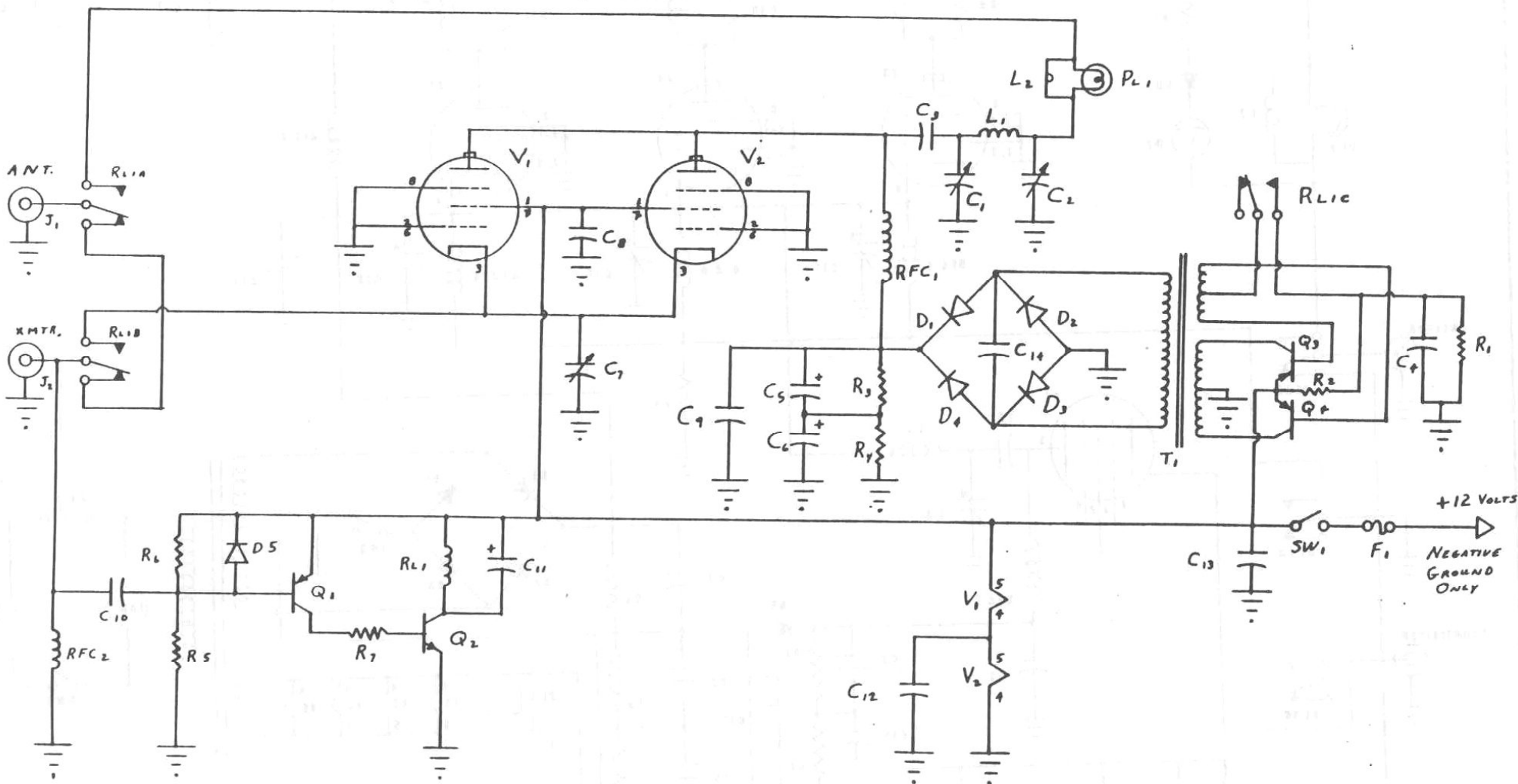
TUNING PROCEDURES

There are 3 tuning controls in the Linear. They are plate tune, antenna load, and input tune. In the center slot of the right side of your Linear, you will notice two screwdriver adjustments. The adjustment toward the front of the Linear is the load control and the adjustment toward the back is the plate tuning.

Turn power switch on, allowing 30 to 45 seconds to warm up. Key the transmitter by depressing the push-to-talk switch. Adjust the plate tune, input tune and load control for maximum brilliance of bulb. Readjust the plate tune for maximum brilliance. Decrease the load control slightly. The amplifier is now ready for operation. You must peak and repeak for maximum brilliance.

This unit (Kris 200M) normally uses a 20 amp fuse. If more than 3 watts of drive are used, it will usually be necessary to replace fuse with a 25 amp or even a 30 amp.

SYMBOL	DESCRIPTION
R5	Resistor, 15K ½ Watt
R6	Res. 330 Ohm ½ Watt
R7	Res. 3.3K ½ Watt
R3 R4	Res. 330K ½ Watt
R2	Res. 3 Ohm 7 Watt
R1	Res. 50 Ohm 10 Watt
C3 C14 C9	Cap. .001MFD 3K
C8 C13	Cap. .001MFD 1K
C10	Cap. 15 UUF 500V
C5 C6	Cap. 10MFD 450V
C11	Cap. 100MFD 15V
C4	Cap. 10MFD 25V
C1	Var. Cap. 158-4-1
C7	Trimmer 463
C2	Trimmer 304
T1	Transformer TW-15-2319
RFC1	Choke 8.2UH
RFC2	Choke 100UH
L1	Tank Coil
Q1	Transistor 2N3702
Q2	Transistor 2N696
Q3 Q4	Transistor 2N277
D5	Diode 1N3064
D1 D2 D3 D4	Diode 1500PIV-1 Amp
RL1	Relay 3PDT 12V
F1	Fuse 20 Amp
PL1	Pilot Light Red



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KRIS 200M LINEAR SCHEMATIC

