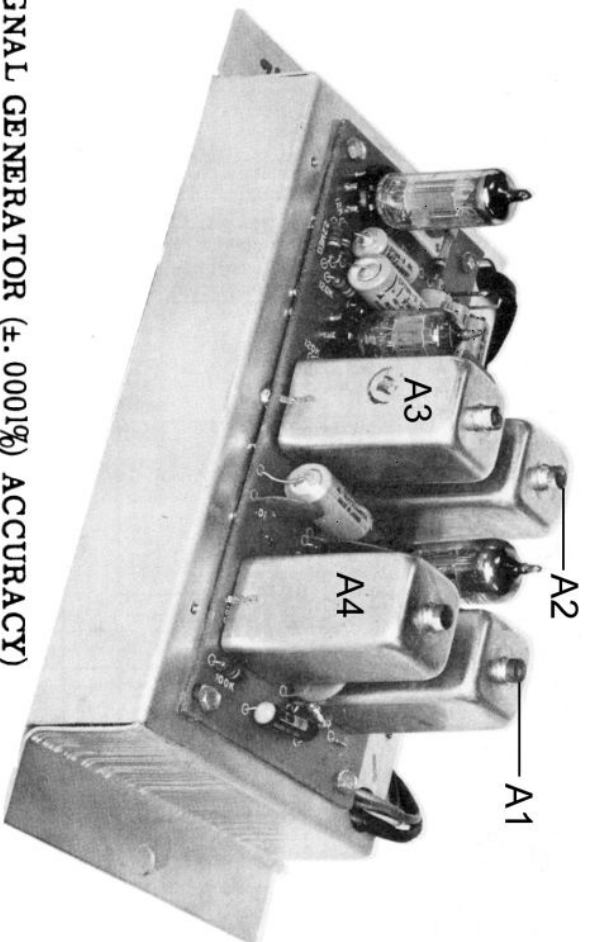


CURTIS MATHES K-12

F.M. Multiplex Alignment for CURTIS MATTHES K-12

F.M STEREO MULTIPLEX ALIGNMENT USING F.M STEREO SIGNAL GENERATOR (±.0001%) ACCURACY)



High side to point **A**, low side to ground.

GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
19KC	Vert. Amp. of scope thru 47K to point B , low side to ground.	A1, A2	Adjust for maximum.
"	Vert. Amp. thru 47K to point C , low side to ground.	A3	Adjust for maximum. Set scope to lock in 2 cycles of 19KC waveform.
"	Vert. Amp. thru 47K to point D , low side to ground.		Adjust for maximum 4-cycle waveform.
70KC	Vert. Amp. thru 47K to point D , low side to ground.	A4	Use Audio Oscillator if necessary. Adjust for MINIMUM
Modulated Left channel	Vert. Amp. to point E , low side to ground	A1, A2 A3	Adjust for maximum output. This should only require a slight adjustment.
Modulated Right channel	Vert. Amp. to point F , low side to ground	R1	Adjust for maximum output

To align multiplex section using an ahr signal, first make sure FM section is properly aligned. Tune in a strong FM stereo signal. Follow steps 1 thru 5 above except in step 3 adjust to eliminate whistle or interference.

5.

4.

3.

2.

1.