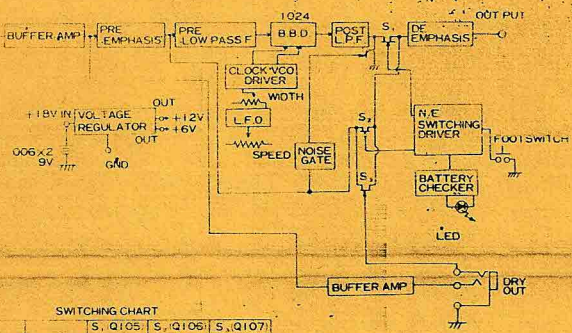




# BLOCK DIAGRAMS

# TROUBLE SHOOTING

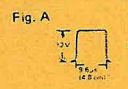


SWITCHING CHART

	S. Q105	S. Q106	S. Q107
STEREO	NORMAL	OFF	ON
	EFFECT	ON	OFF
MONO	NORMAL	OFF	ON
	EFFECT	ON	OFF

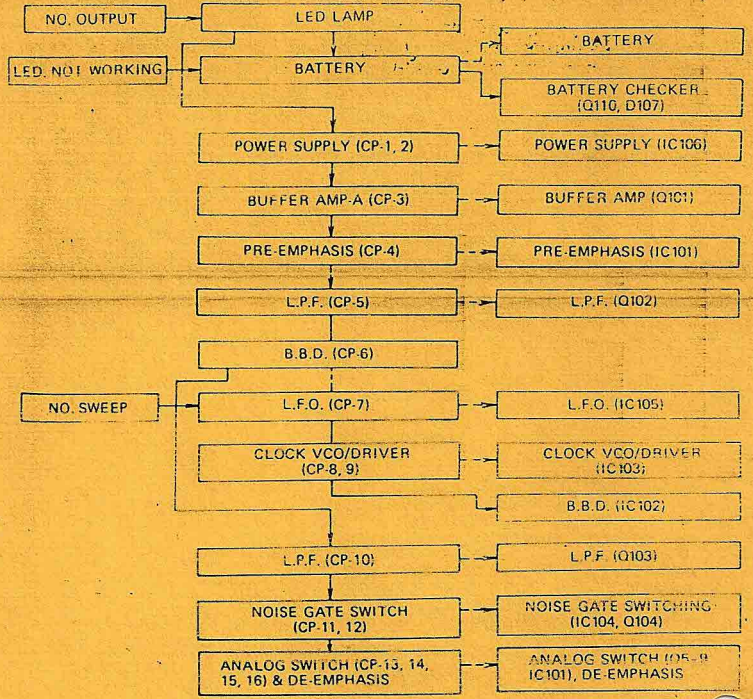
## ADJUSTMENT PROCEDURES

- 1) CLOCK
1. Set SPEED controls fully CW and DEPTH controls fully CCW.
  2. Adjust VR101 for a frequency of 80KHz at marked CP.
  3. Set SPEED controls fully CCW and DEPTH controls fully CW.
  4. Make sure wave form as shown in Fig. A. or the frequency of 69KHz to 104KHz at marked CP.



OSCILLOSCOPE  
TIME/CM: 2µsec  
VOLTS/: 2 to 5V  
MODE: DC

- 2) BBD BIAS
1. Put 1V (0dB) 400Hz sinewave into INPUT.
  2. Set SPEED controls fully CW and DEPTH controls fully CCW.
  3. Adjust VR102 for a symmetrical clipped wave at output.

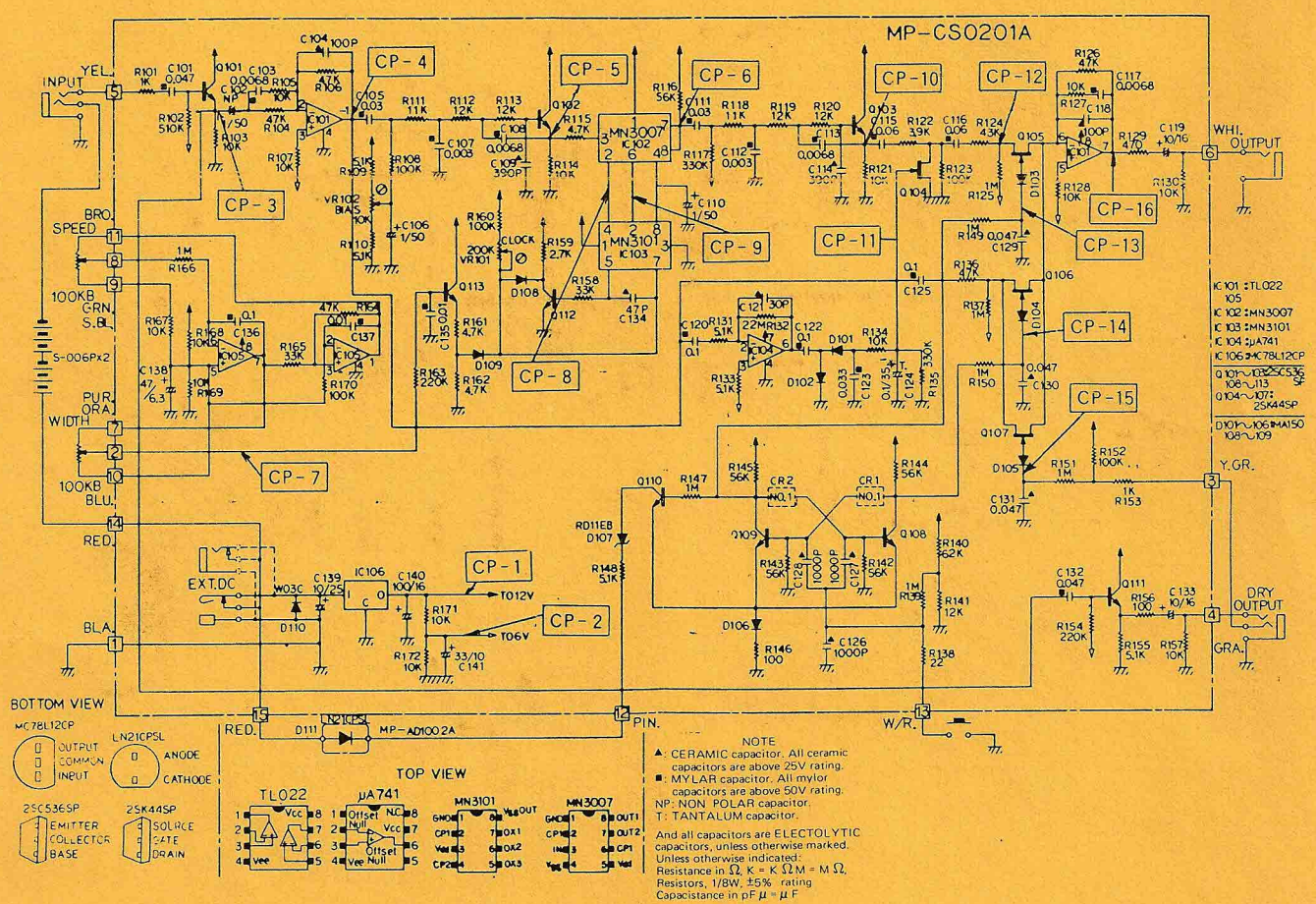


REMARK: SIGNAL OF CP IS THE WAVE INPUTTING A SINE WAVE SIGNAL TO INPUT.

CP-1	CP-2	CP-3	CP-4	CP-5	CP-6	CP-7	CP-8	CP-9	CP-10
V	V	S	S	S	S	S	S	S	S
-12V	+6V								

CON. DITION	CP-15	CP-11	CP-12	CON. DITION	CP-13	CP-14
STEREO	+10V	200mV	-7.7V	EFFECT	+7V ~ +8V	+0.5V
MONO	+0.1V	SHORT	+10mV	NORMAL	+0.5V	+7V ~ +8V

# SCHEMATIC DIAGRAMS



NOTE  
▲ CERAMIC capacitor. All ceramic capacitors are above 25V rating.  
■ MYLAR capacitor. All mylar capacitors are above 50V rating.  
NP: NON POLAR capacitor.  
T: TANTALUM capacitor.  
And all capacitors are ELECTROLYTIC capacitors, unless otherwise marked. Unless otherwise indicated: Resistance in Ω, K = K Ω, M = M Ω. Resistors, 1/8W, ±5% rating. Capacitance in pF, μ = μ F.