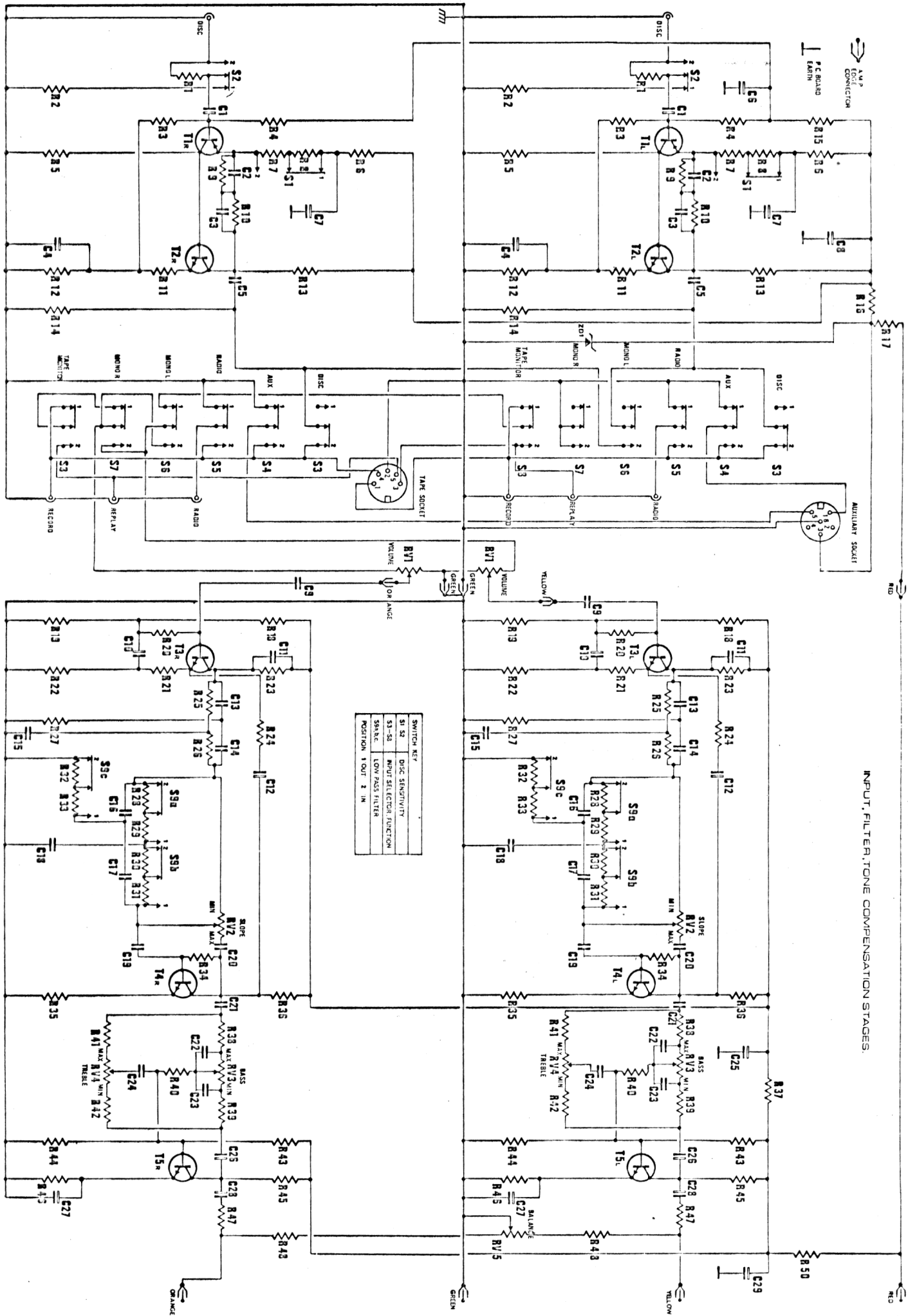


MAIN AMPLIFIER, POWER SUPPLY STAGES.

SWITCH KEY
 S11 HEADPHONES
 POSITION 1 OUT 2 IN
 S10 MAINS ON/OFF GANGED
 TO MV1 (VOLUME)

DRAWN	
CHECKED	



RAVENSBOURNE STEREO AMPLIFIER.

COMPONENT VALUES.

RESISTORS.

<u>No.</u>	<u>Value.</u>	<u>Tolerance.</u>	<u>Rating.</u>	<u>Type.</u>
R1	47k	± 5%	¼ watt.	High Stability.
R2	2.2k	"	"	" "
R3	100k	"	"	" "
R4	120k	"	"	" "
R5	47k	"	"	" "
R6	120k	"	"	" "
R7	150 ohms	"	¼ watt.	" "
R8	220 ohms	"	"	" "
R9	180k	"	¼ watt.	" "
R10	9.1k	± 2%	"	" "
R11	150 ohms	± 5%	"	" "
R12	1k	"	"	" "
R13	3.9k	"	"	" "
R14	330k	"	"	" "
R15	10k	"	"	" "
R16	220 ohms	"	"	" "
R17	220 ohms	"	½ watt.	" "
R18	33k	"	¼ watt.	" "
R19	4.7k	"	"	" "
R20	22k	"	"	" "
R21	100 ohms	"	"	" "
R22	1k	"	"	" "
R23	10k	"	"	" "
R24	6.8k	"	"	" "
R25	47k	"	"	" "
R26	47k	"	"	" "
R27	22k	"	"	" "
R28	18k	"	¼ watt.	" "
R29	10k	"	"	" "
R30	18k	"	"	" "
R31	10k	"	"	" "
R32	10k	"	"	" "
R33	4.7k	"	"	" "
R34	680k	"	¼ watt.	" "
R35	150 ohms	"	"	" "
R36	2.2k	"	"	" "
R37	680 ohms	"	"	" "
R38	10k	"	"	" "
R39	10k	"	"	" "
R40	22k	"	"	" "
R41	3.3k	"	"	" "
R42	2.2k	"	"	" "
R43	330k	"	"	" "
R44	47k	"	"	" "
R45	4.7k	"	"	" "
R46	680 ohms	"	"	" "
R47	3.9k	"	"	" "
R48	1.8k	"	"	" "
R49	10k	"	"	" "
R50	1k	"	"	" "
R51	100k	"	"	" "
R52	390 ohms	"	"	" "
R53	47 ohms	"	"	" "

CAPACITORS.

No.	Value.	Tolerance.	Rating.	Type.
C32	160 mfd.		2.5 v	Electrolytic.
C33	0.22 mfd.	± 20%	250 v	Polyester.
C34	80 mfd.		16 v	Electrolytic.
C35	80 mfd.		16 v	Electrolytic.
C36	40 mfd.		16 v	Electrolytic.
C37	250 mfd.		40 v	Electrolytic.
C38	1,500 pf.	+ 5%	160 v	Polystyrene.
C39	1,500 pf.		40 v	Electrolytic.
C40	4,000 mfd.		40 v	Electrolytic.
C41	4,000 mfd.			
C42	1000 pf.	±20%		Ceramic
C43	1500 pf.	±20%		Ceramic
C44	47 pf.	±20%		Ceramic

POTENTIOMETERS.

No.	Value.	Law.	Type.
RV1	100 k	LOG	Dual Carbon.
RV2	250 k	LIN	" "
RV3	100 k	LIN	" "
RV4	100 k	LIN	" "
RV5	50 k	LIN	" "
RV6	100 k	1/10 watt	Pre-set Carbon
RV7	150 ohms	1/10 watt	" " "
RV8	150 ohms	1/10 watt	" " "

TRANSISTORS.

No.	Type.	Make.
T1/L/R	Silicon 'PNP'.	BC214 or Equivalent
T2/L/R	" 'NPN'.	BC184 " "
T3/L/R	" 'NPN'.	BC184 " "
T4/L/R	" 'NPN'.	BC184 " "
T5/L/R	" 'NPN'.	BC184 " "
T6/L/R	" 'NPN'.	BC184 " "
T7/L/R	" 'NPN'.	BC184 " "
T8/L/R	" 'NPN'. RCA	2N1711 " "
T9/L/R	" 'NPN'. "	2N1711 " "
T10/L/R	" 'NPN'. "	2N3055 " "
T11/L/R	" 'NPN'. "	2N3055 " "

NO. DESCRIPTION.**TRANSFORMERS.**

TR1	DRIVER
TR2	MAINS

Silicon Rectifiers.

D1,2,3,4.	RCA 4026.
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Thermistors.

TH1,2,3,4.	Mullard VA 1033.	4 ohm at 25°C ± 0.8 ohms. 1 watt
TH 5, 6.	" VA 1034.	50 " " " ± 10 " "

Zener Diode.

ZD1	30v ± 5%. 1 watt.
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