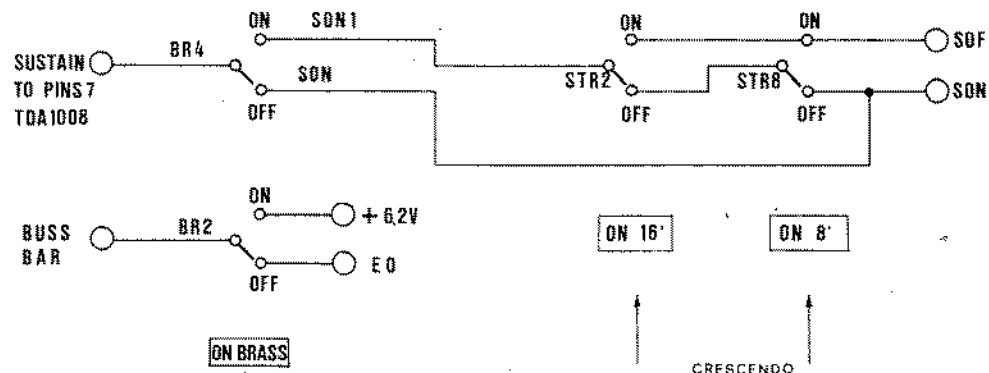
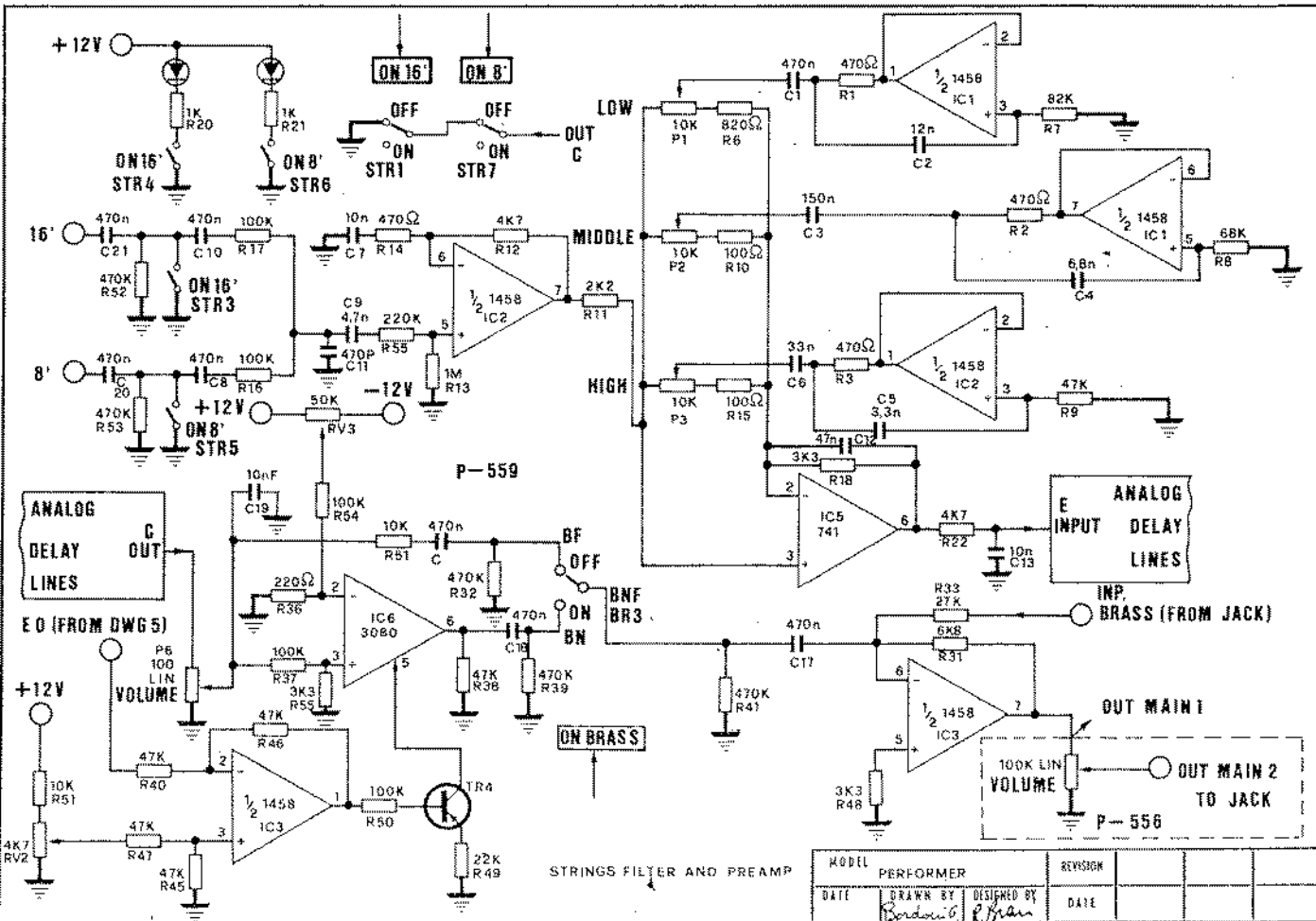


ON 16' SWITCHES
STR 1-2-3-4

ON 8' SWITCHES
STR 5-6-7-8

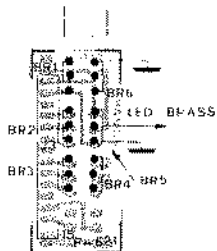


MODEL		PERFORMER		REVISION	
DATE	DRAWN BY	DESIGNED BY	DATE		
	<i>Borden G. Korman</i>				



MODEL		PERFORMER		REVISION	
DATE	DRAWN BY	DESIGNED BY	DATE		
	<i>Borden G. Korman</i>				

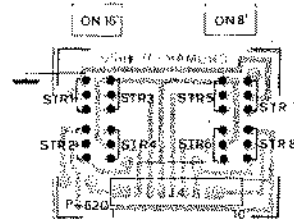
BRASS SWITCH



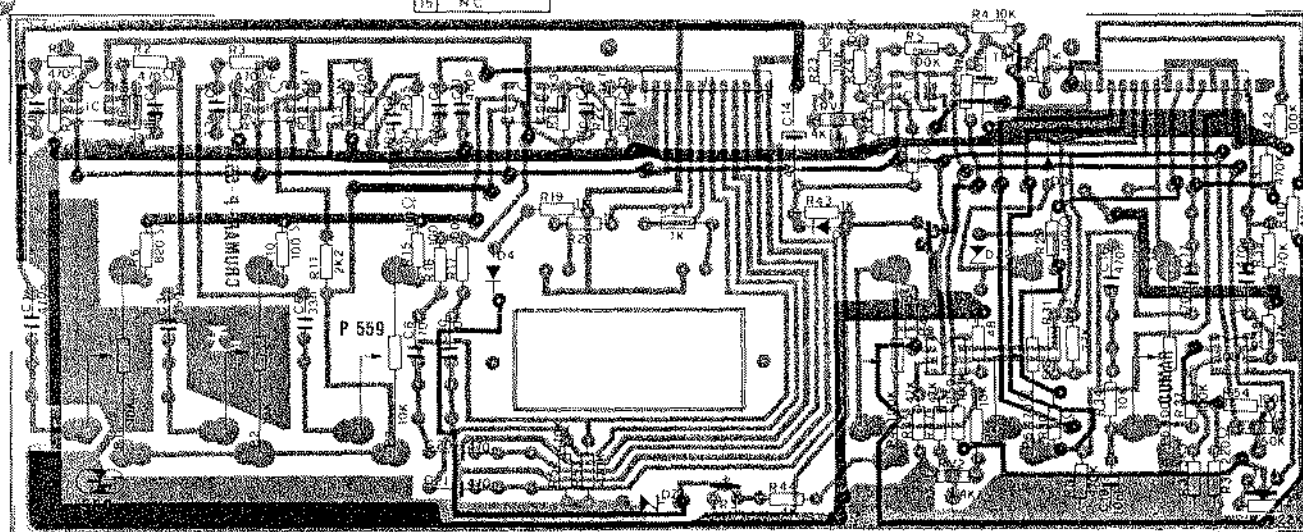
J3	
1	BR1
2	BR6
3	NC
4	EO
5	BUSS BAR
6	+52V
7	NC
8	BF
9	BNF
10	BN
11	NC
12	SON
13	SON1
14	SUSTAIN
15	NC

J4	
1	NC
2	SON1
3	SOF
4	LED 16'
5	ON 16'
6	GND
7	ON 8'
8	LED 8'
9	SON
10	SON

STRING SWITCH

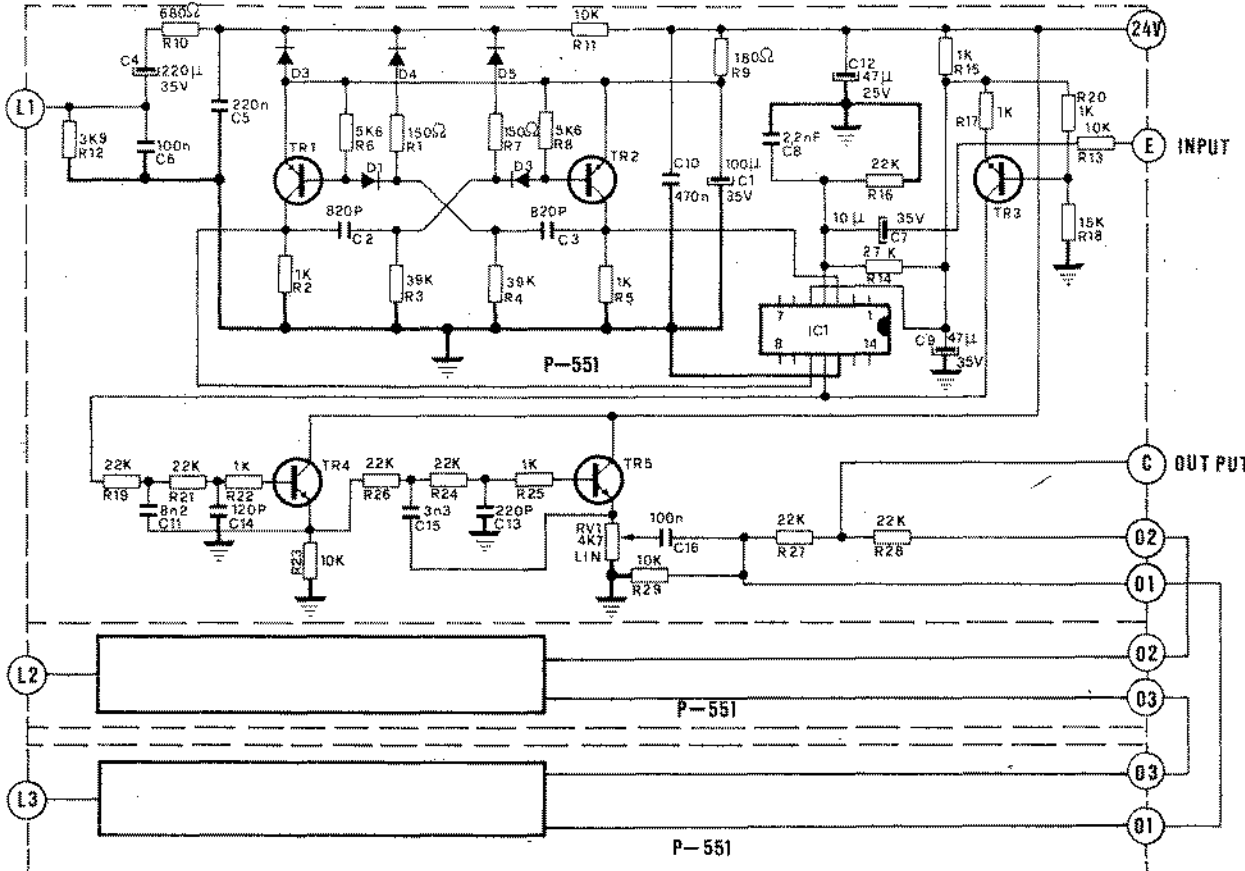


J1		J2	
1	E INPUT	1	EO
2	GND	2	GATE
3	-12V	3	SON
4	+12V	4	SOF
5	LED 16'	5	OUT MAIN 1
6	LED 8'	6	INP BR FROM JACK
7	ON 8'	7	C OUT
8	ON 16'	8	GND
9	GND	9	+62V
10	INP STRING 8'	10	GND
11	GND	11	RNF
12	INP STRING 16'	12	GND
		13	BF
		14	GND
		15	BN



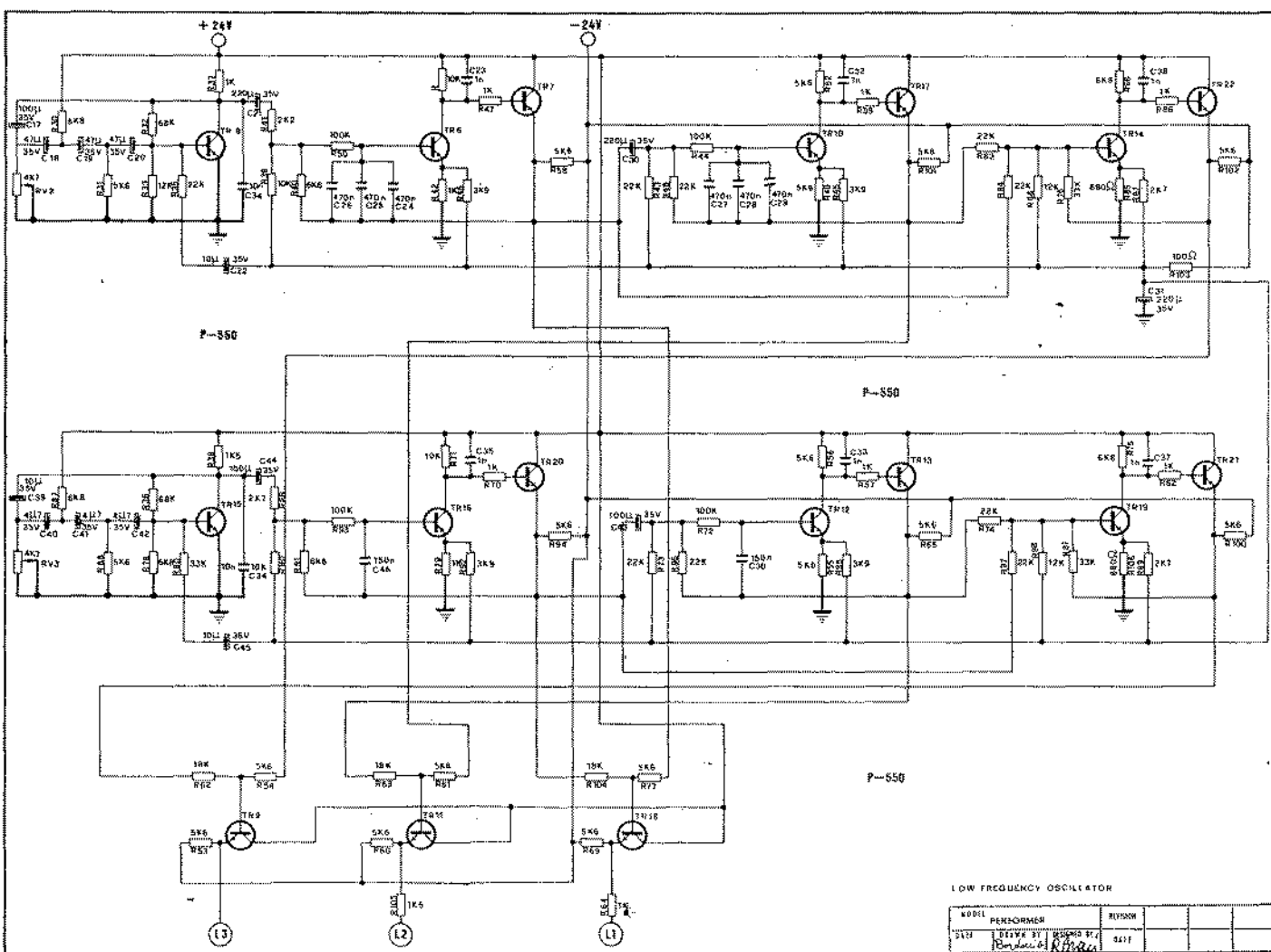
CRESCENDO STRING FILTER AND PREAMP

MODEL PERFORMER		REVISION		
DATE	DRAWN BY	DESIGNED BY	DATE	
		<i>Robert R. Brown</i>		



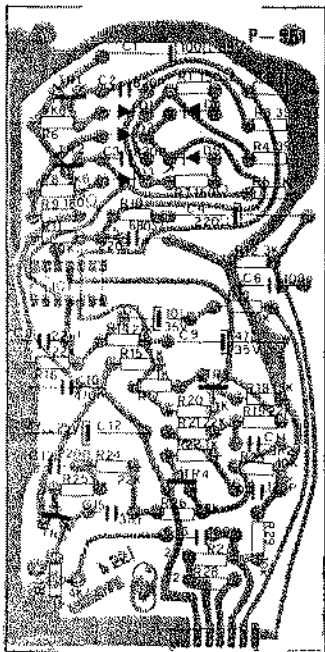
ADL - TCA 350

MODEL	PERFORMER	REVISION
DATE	DRAWN BY <i>Brian G. R. Brown</i>	DATE
	DESIGNED BY	



LOW FREQUENCY OSCILLATOR

MODEL	PERFORMER	REVISION
DATE	DRAWN BY <i>Brian G. R. Brown</i>	DATE
	DESIGNED BY	



J1A		J1B		J1C		J2	
1	GND	1	GND	1	GND	1	GND
2	GND	2	GND	2	GND	2	GND
3	+24V	3	+24V	3	+24V	3	GND
4	C	4	C	4	C	4	+24V
5	O1	5	O2	5	O3	5	-24V
6	O2	6	O3	6	O1	6	L1
7	E	7	E	7	E	7	L2
8	L1	8	L2	8	L3	8	L3

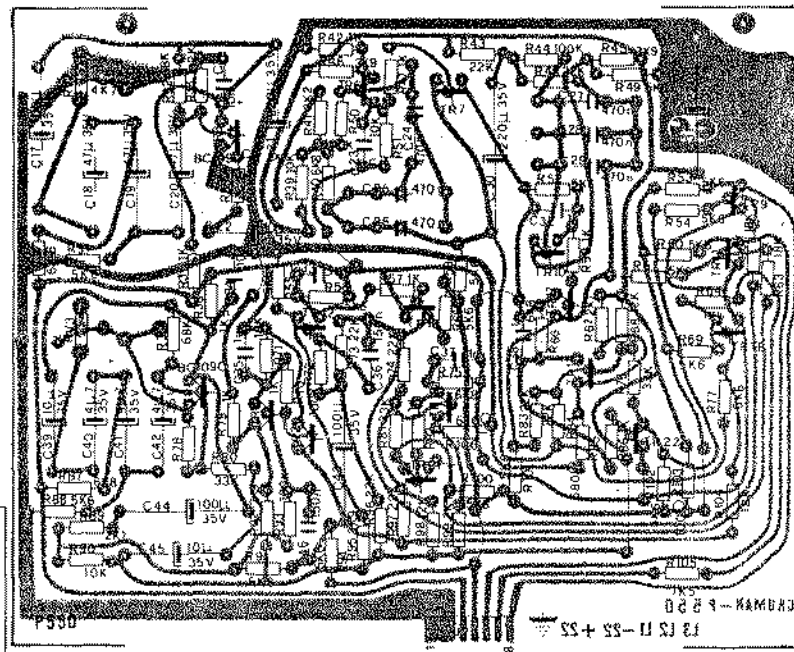
J3	
1	GND
2	+24V
3	C=OUT
4	GND
5	E=INP
6	-24V

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J1B

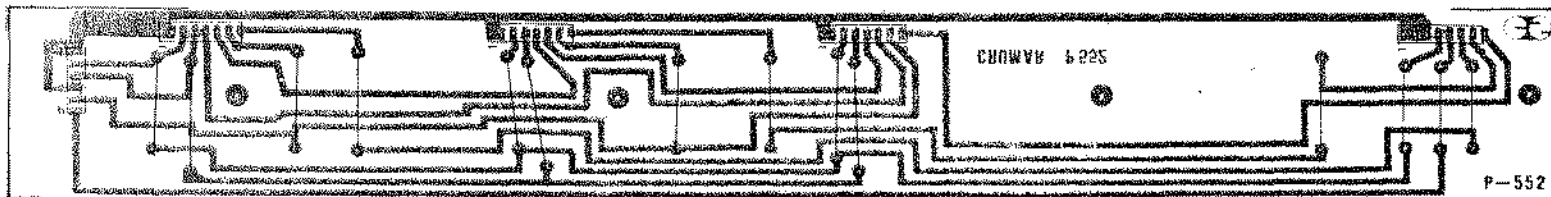
P-551

J1C



P-550

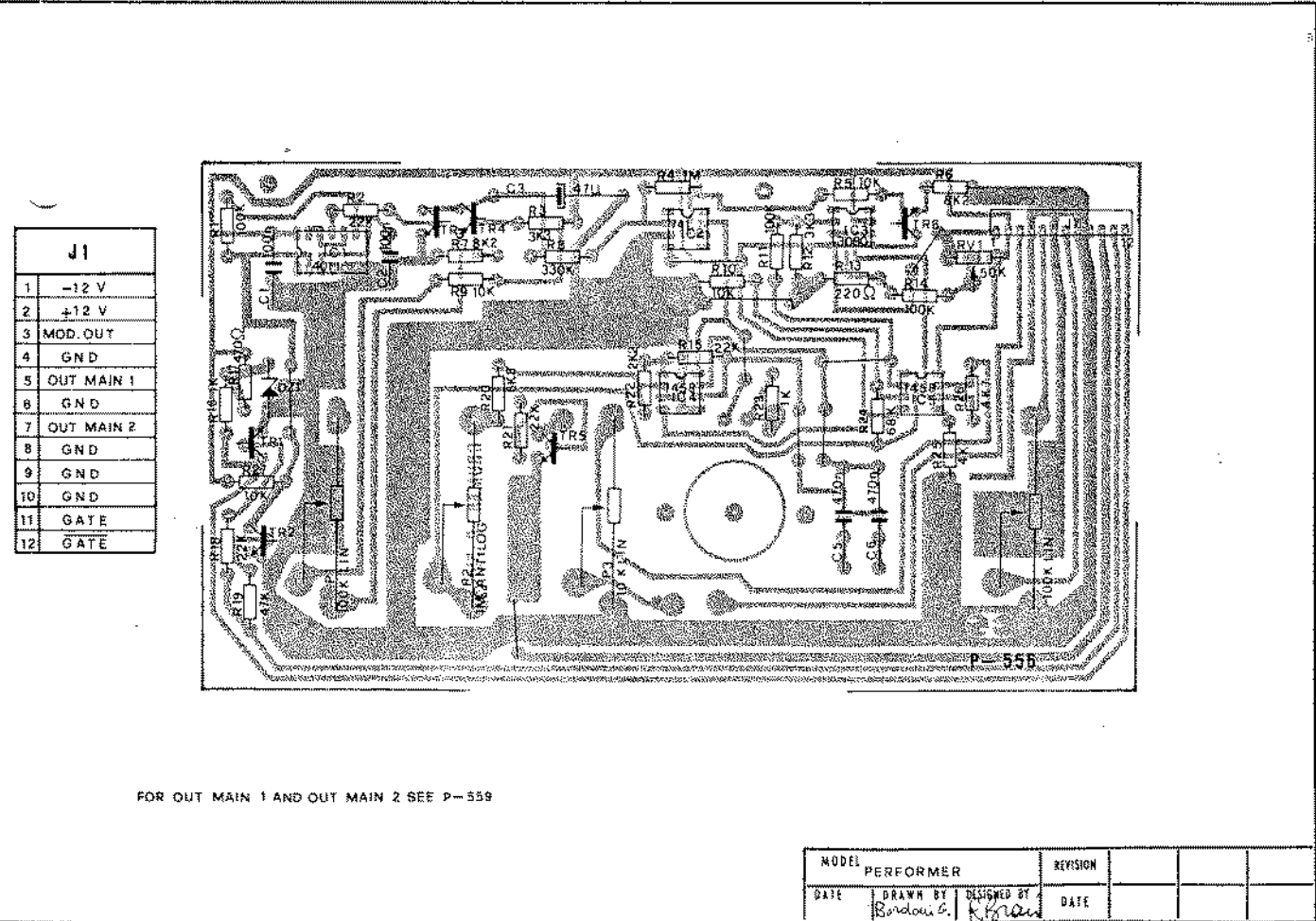
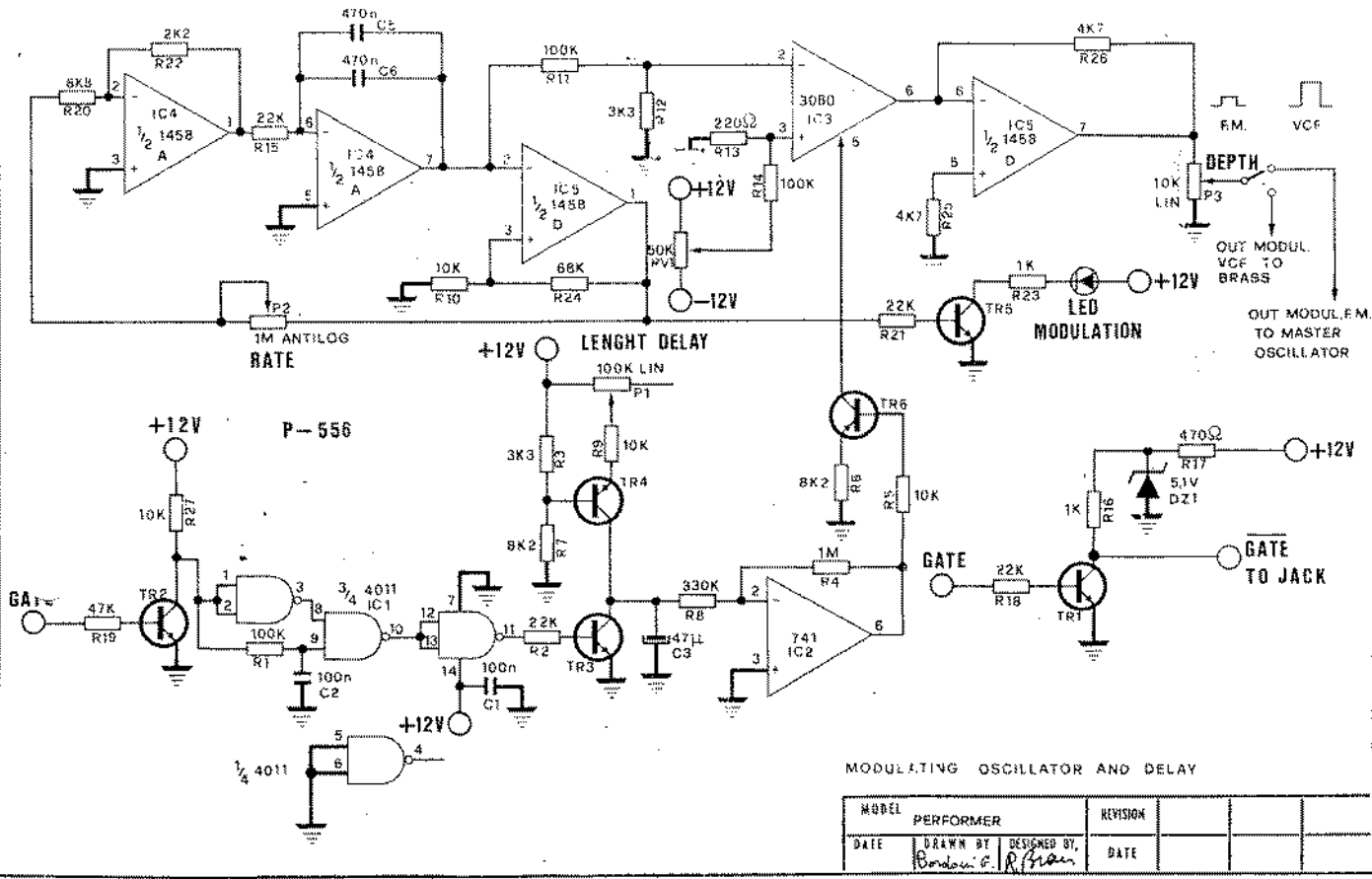
13 13 11 - 55 - 11 53 J
0 2 2 9 - HAMURO

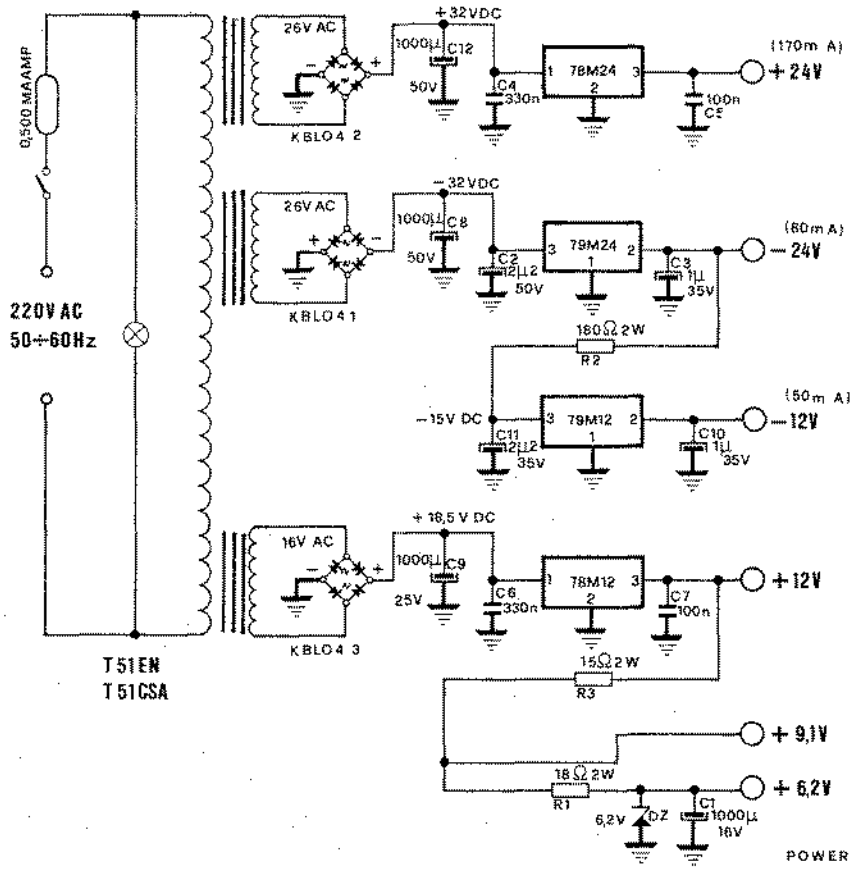


P-552

ADL-TCA LOW FREQUENCY OSCILLATOR
350

MODEL		PERFORMER		REVISION	
DATE	DRAWN BY	DESIGNED BY		DATE	
	Redmond	R. B. ...			

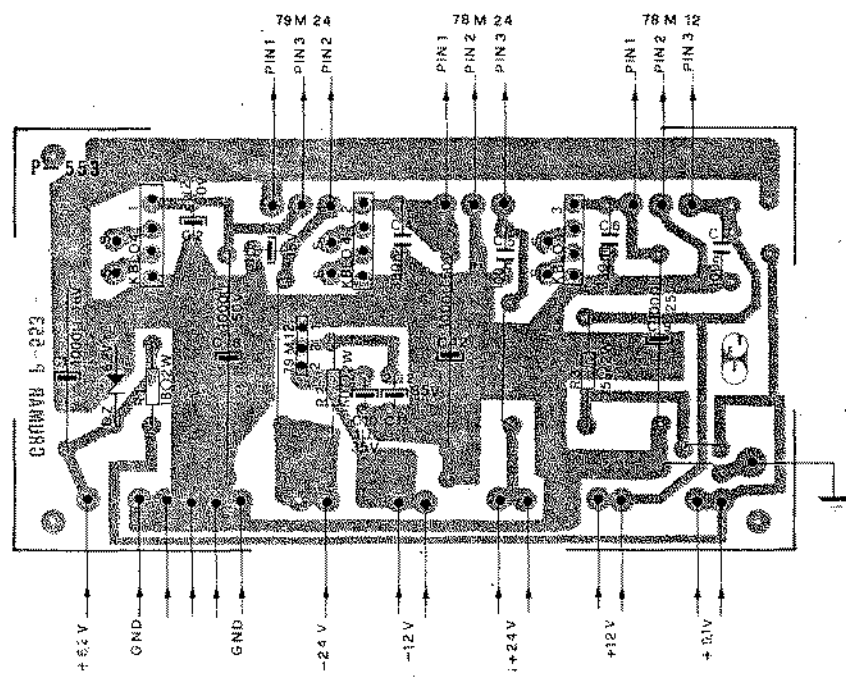




P-553

POWER SUPPLY

MODEL	PERFORMER	REVISION		
DATE	DRAWN BY <i>Roman S. Roman</i>	DESIGNED BY <i>R. Man</i>	DATE	



MODEL	PERFORMER	REVISION		
DATE	DRAWN BY <i>Roman S. Roman</i>	DESIGNED BY <i>R. Man</i>	DATE	

PART LIST

P 555 - (MASTER OSCILLATOR)

IC 1	74LS221
IC 2	50240
IC 3	723
IC 4	741
TR 1	BC286
TR 2	BC173

P 554 - (WAVEFORMS GENERATION)

da IC 1 a IC 12	TDA1008
IC 13	1458
IC 14	741

P. 557 - (BRASS FILTER)

da TR 1 a TR 13	BC209C
TR 14	BC204
TR 15 e TR 16	BC209

P 559 - (STRING FILTER)

da IC 1 a IC 4	1458
IC 5	741
IC 6	3080
TR 1 e TR 2	BC209
TR 3 e TR 4	BC204

P 550 - (LFO FOR ANALOG DELAY LINES)

TR 8 e TR 15	BC209C
TR 6 e TR 7	BC209
da TR 9 a TR 14	BC209
da TR 16 a TR 22	BC209

P 551 - (ANALOG DELAY LINES)

da TR 1 a TR 3	BC204
TR 4 e TR 5	BC209C

P 558 - (MODULATION)

IC 1	4011
IC 2	741
IC 3	3080
IC 4 e IC 5	1458
da TR 1 a TR 3	BC209
TR 4 e TR 6	BC204
TR 5	BC209

CROSS REFERENCE GUIDE

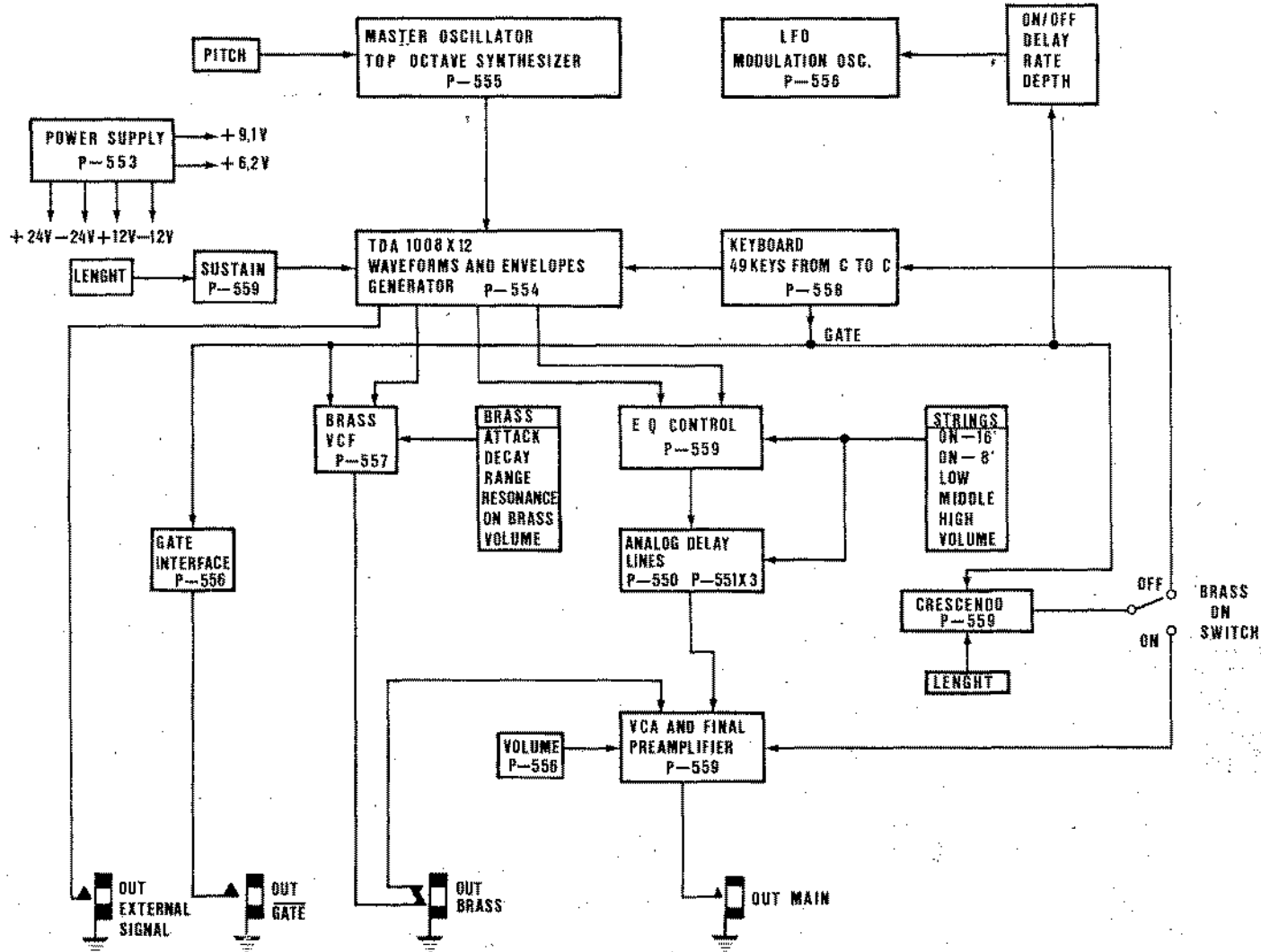
TRANSISTOR

1) BC286è	FAIRCHILD -SGS
BC286	NATIONAL SEMICONDUCTOR
BD371	
2) BC209B/C è	ITT
BC173B/C	NATIONAL SEMICONDUCTOR
BC239B/C	MISTRAL
BC239BS/CS	PHILIPS
BC549B/C	
3) BC204B/C è	MISTRAL - TELEFUNKEN
BC308B/C	MISTRAL - TELEFUNKEN (solo tipo B)
BC204V1	NATIONAL SEMICONDUCTOR
BC205B/C	

INTEGRATED CIRCUIT

1) 74LS221è	TEXAS INSTRUMENT
SN74LS221	FAIRCHILD
74LS221	
2) 50240è	MOSTEK
MK50240	
3) 723è	FAIRCHILD
uA723	NATIONAL SEMICONDUCTOR
LM723	
4) 741è	FAIRCHILD
uA741	NATIONAL SEMICONDUCTOR
LM741	TEXAS INSTRUMENT
SN72741	MOTOROLA
MC741	
5) TDA 1008	PHILIPS
6) 1458è	FAIRCHILD
uA1458	NATIONAL SEMICONDUCTOR
LM1458	MOTOROLA
MC1458	
7) 3080è	NATIONAL SEMICONDUCTOR
LM3080	RCA
CA3080	
8) 4011è	FAIRCHILD
4011	NATIONAL SEMICONDUCTOR - MOTOROLA - RCA
CD4011	

BLOCK DIAGRAM



MODEL	PERFORMER	REVISION			
DATE	DRAWN BY Bordwell	DESIGNED BY R. Bran	DATE		