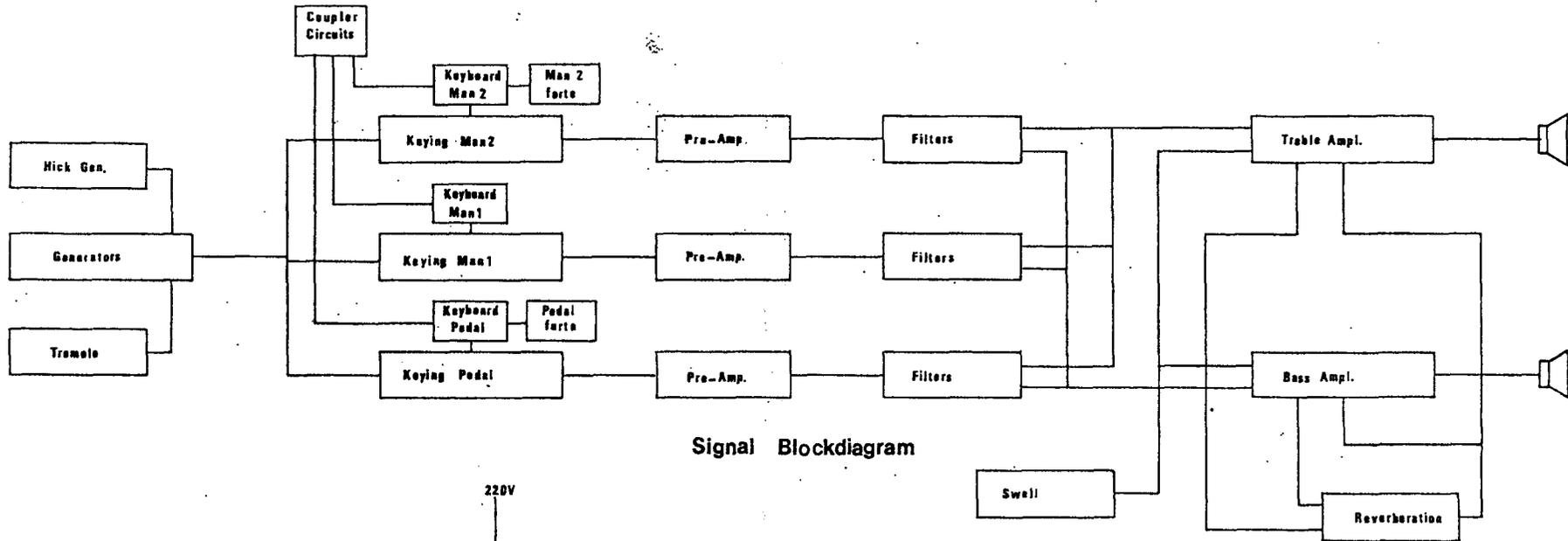


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S C H E M A T I C D I A G R A M S
J O H A N N U S
O P U S 6
=====
alterations reserved

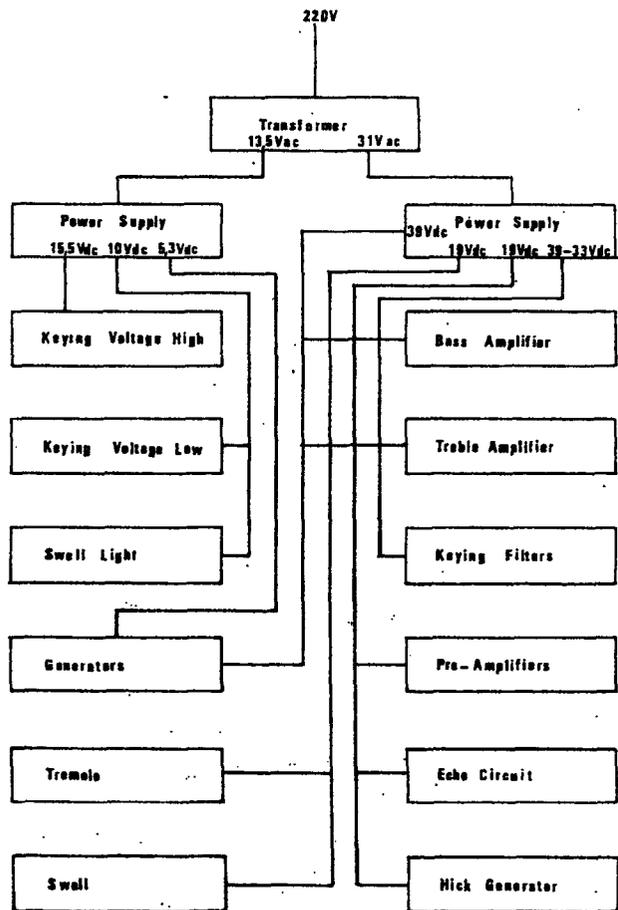
OPUS 6

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- 1 Signal and power blockdiagram
- 2 Power supply
- 3 Tone generators
- 4 Keying circuits
- 5 Pre-Amplifiers Manual 1
- 6 Pre-Amplifiers Reeds, Pedal and Manual 2
- 7 Voicing Circuits Manual 1
- 8 Voicing Circuits Pedal and Manual 2
- 9 Power Amplifier Circuit
- 10 Echo unit
- 11 Control circuit of echo unit
- 12 Preset and coupler system
- 13 Keying chart
- 14 Adjustments

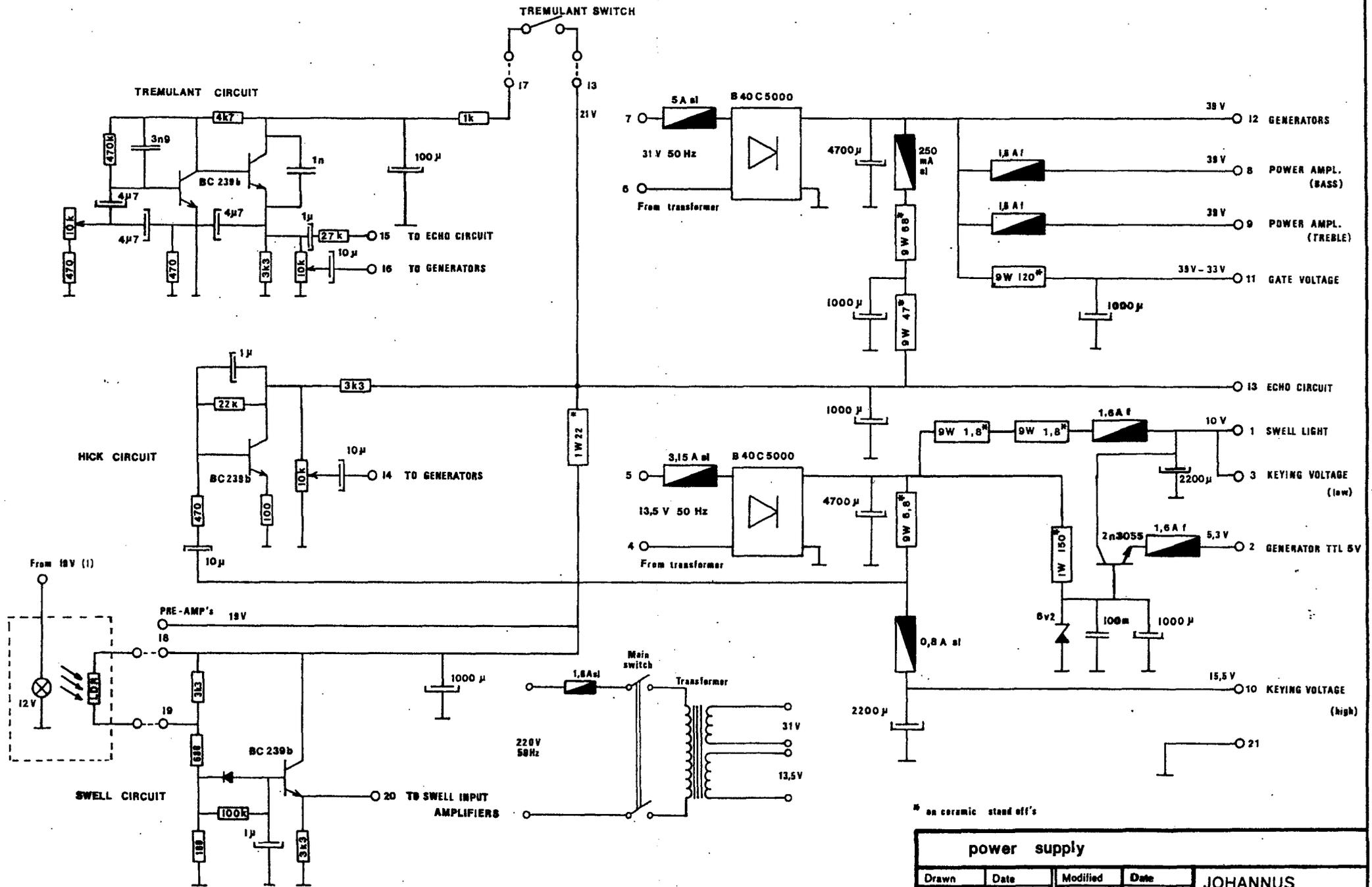


Signal Blockdiagram



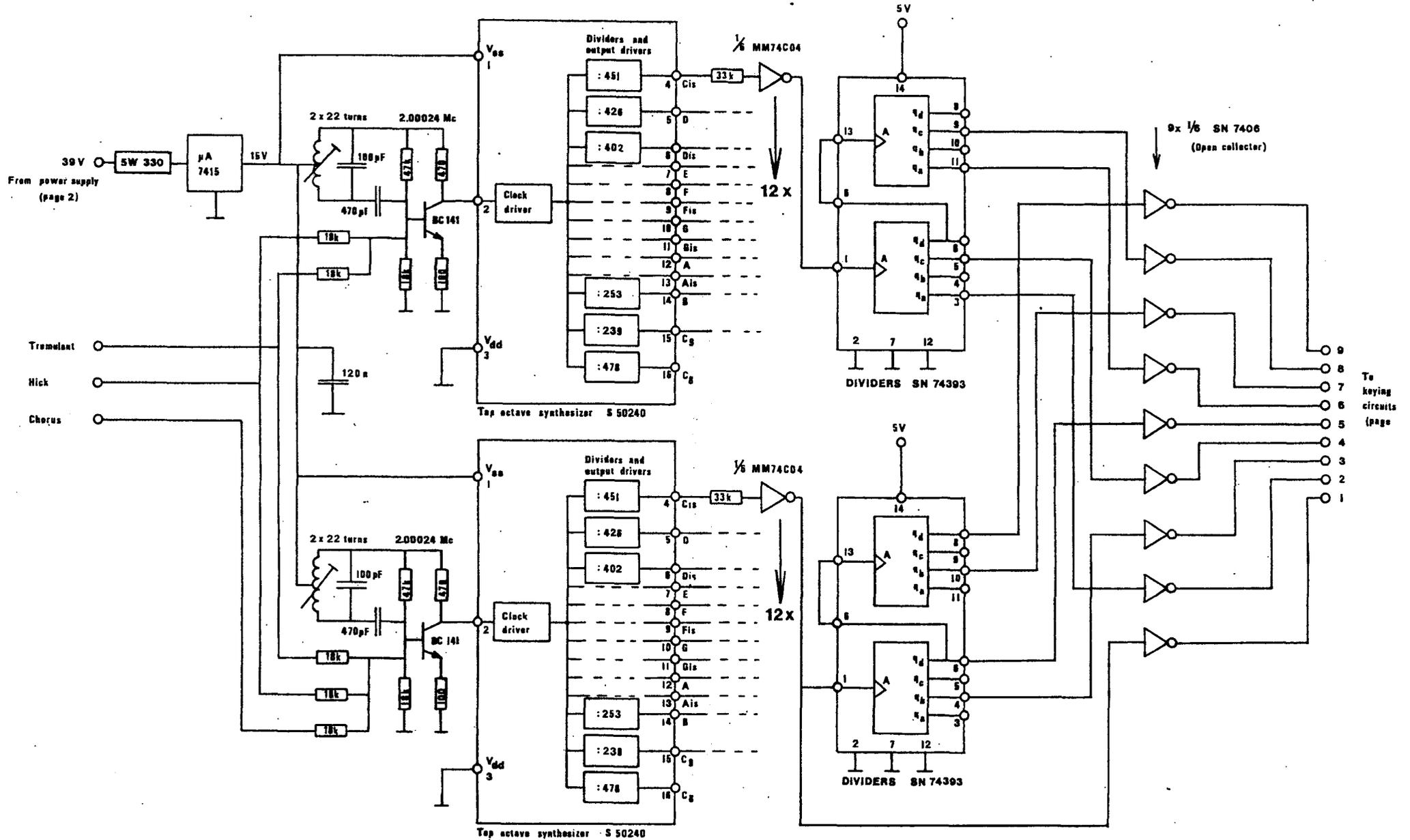
Power Blockdiagram

SIGNAL AND POWER BLOCKDIAGRAM			
Drawn	Date	Modified	Date
M.J.PETERS	28-3-78		
DESIGN			
J. VERSTEEGT			
copyright:	J. VERSTEEGT	JOHANNUS ORGELBOUW b.v.	morsestraat 28 6716 AH EDE HOLLAND Tel. 08380-19148
			page: 1



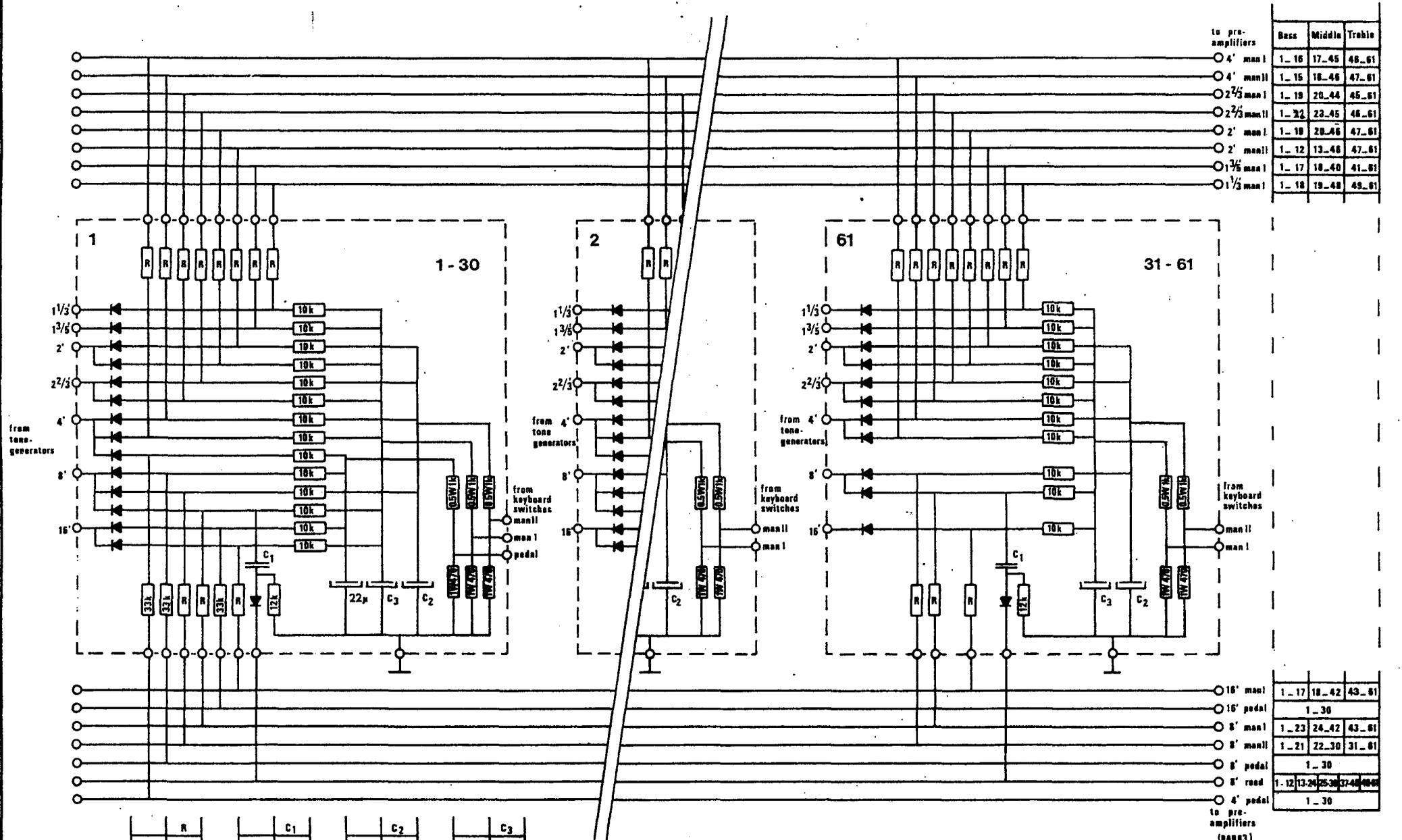
* on ceramic stand off's

power supply				JOHANNUS ORGAN OPUS 6
Drawn	Date	Modified	Date	
T v MANEN	12-2-1978	F.K. Bisschop	28-2-1988	
DESIGN				
LAB				
copyright:	JOHANNUS	morsestraat 28	page:	
		6716 AH EDE HOLLAND	2	



To keying circuits (page 2)

TONE GENERATORS				JOHANNUS ORGAN OPUS 6
Drawn	Date	Modified	Date	
T v Mauer	14 2 1978	K v M	18-11-79	
DESIGN				
LAB				
copyright:	J. VERSTEEGT	JOHANNUS ORGELBOUW b.v.	morsestraat 28 6716 AH EDE HOLLAND Tel. 08380.10148	page: 3



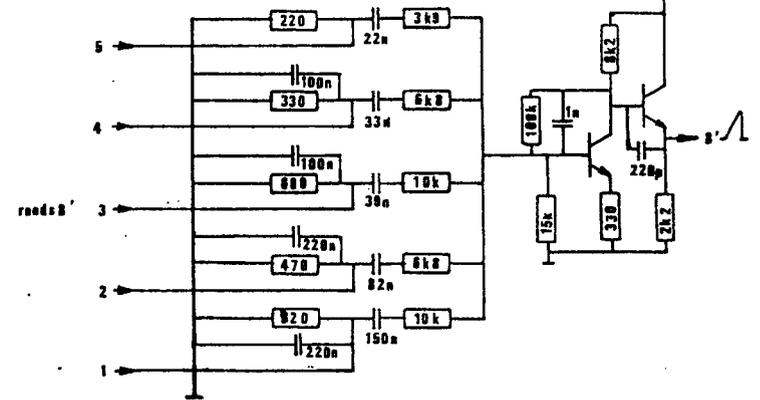
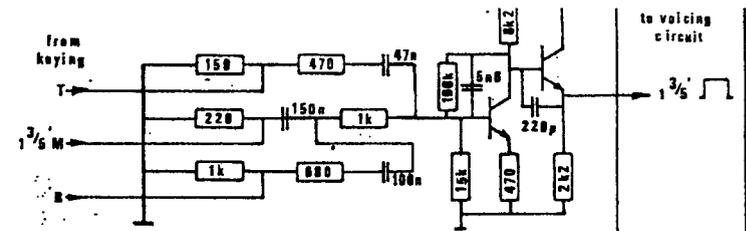
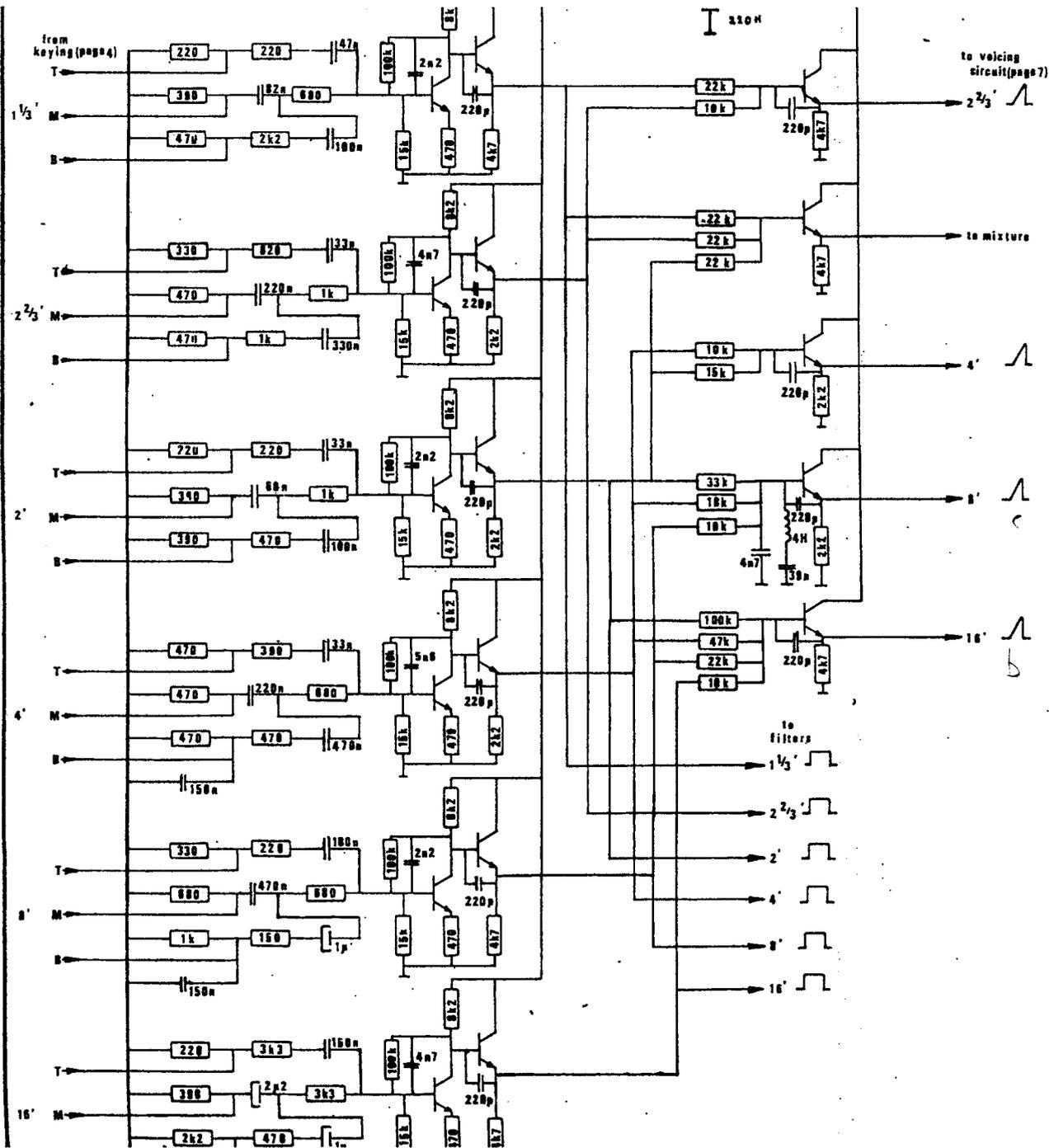
	Base	Middle	Treble
to pre-amplifiers			
○ 4' man I	1_16	17_45	48_61
○ 4' man II	1_16	18_46	47_61
○ 2 2/3' man I	1_19	20_44	45_61
○ 2 2/3' man II	1_22	23_45	46_61
○ 2' man I	1_19	20_46	47_61
○ 2' man II	1_12	13_46	47_61
○ 1 3/4' man I	1_17	18_40	41_61
○ 1 1/2' man I	1_18	19_48	49_61

○ 16' man I	1_17	18_42	43_61
○ 16' pedal	1_30		
○ 8' man I	1_23	24_42	43_61
○ 8' man II	1_21	22_30	31_61
○ 8' pedal	1_30		
○ 8' reed	1_12	13_24	25_37
○ 4' pedal to pre-amplifiers (page 3)	1_30		

	R	C1	C2	C3
1-8	68 k	1-12 33 n	1-30 22 p	1-37 22 p
9-16	56 k	13-24 22 n	31-41 10 p	38-47 10 p
17-24	47 k	25-30 15 n	42-61 4 p 7	48-61 4 p 7
25-32	39 k	37-40 10 n		
33-40	33 k	48-61 6 n 8		
41-47	27 k			
48-54	22 k			
55-61	18 k			

KEYING CIRCUITS

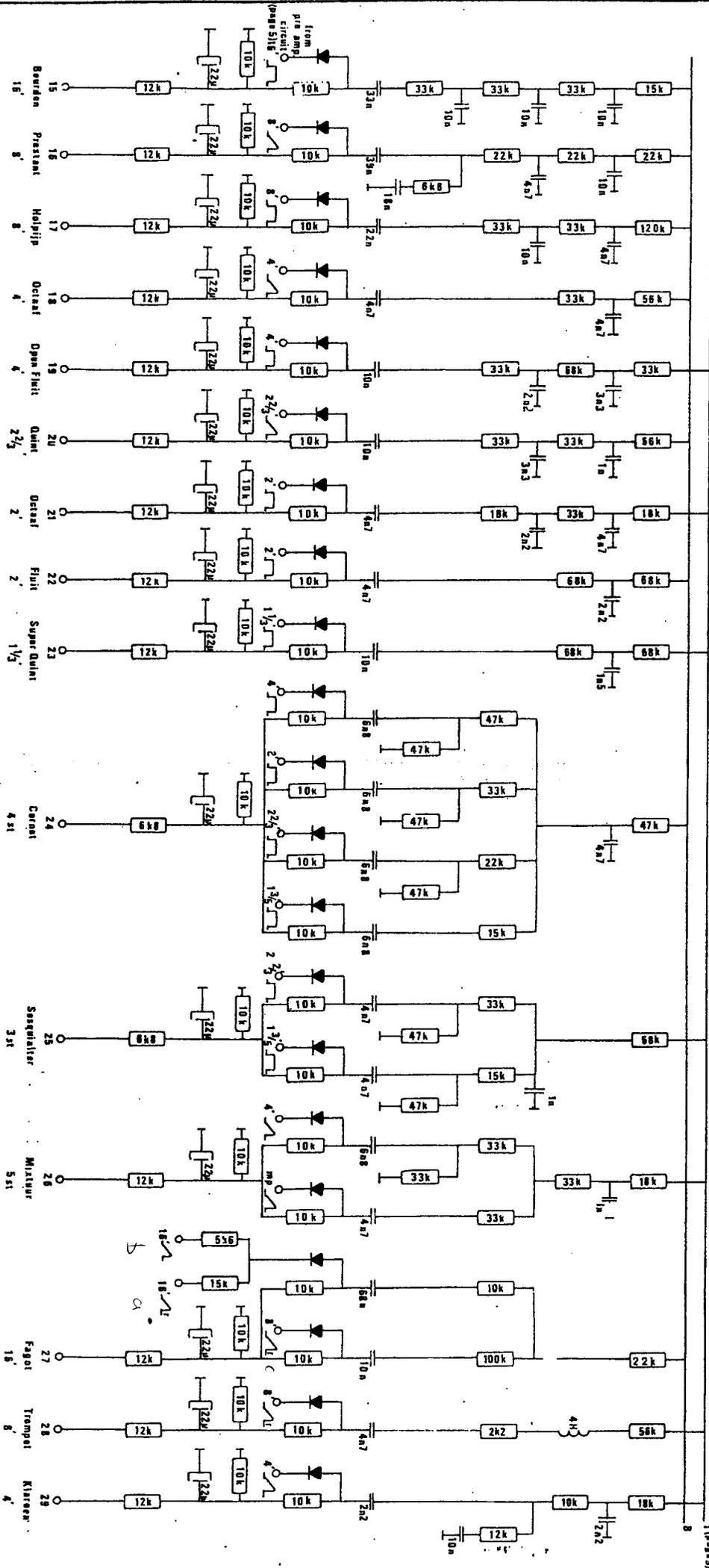
Drawn	Date	Modified	Date	JOHANNUS ORGAN OPUS 6
T v Manna	16 2 78	J Versteeg	23 - 9 - 81	
DESIGN				
J VERSTEEG				
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J. VERSTEEG	ORGELROM B.V.		8716 AH EDE HOLLAND	4



Pre-Amplifiers Manual 1

Drawn	Date	Modified	Date
B.J. PETERS	2-4-78	J Vorsteegt jr	18-9-80
DESIGN		J Vorsteegt jr	23-9-81

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ORGAN
OPUS 8



power amp.
circuit
(T100000)

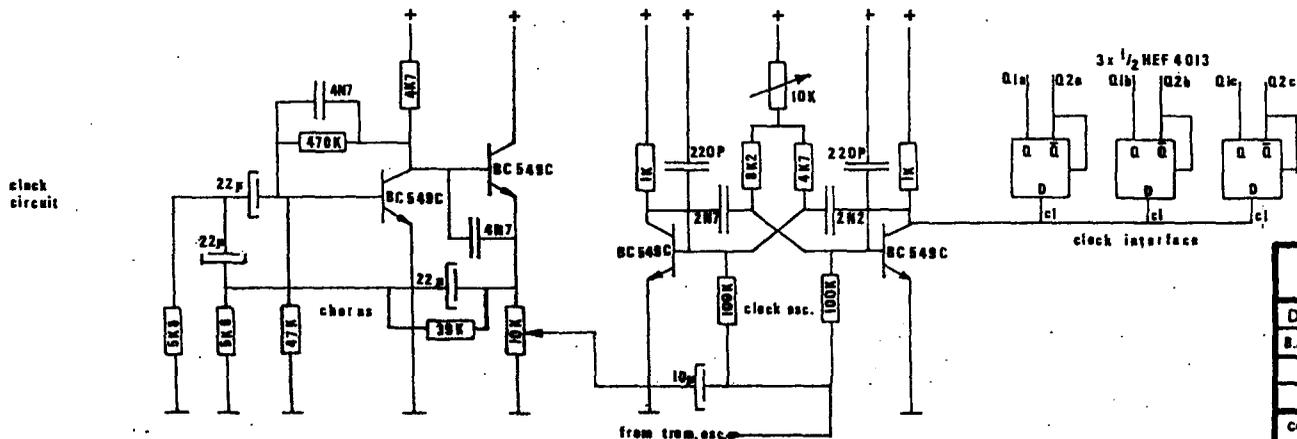
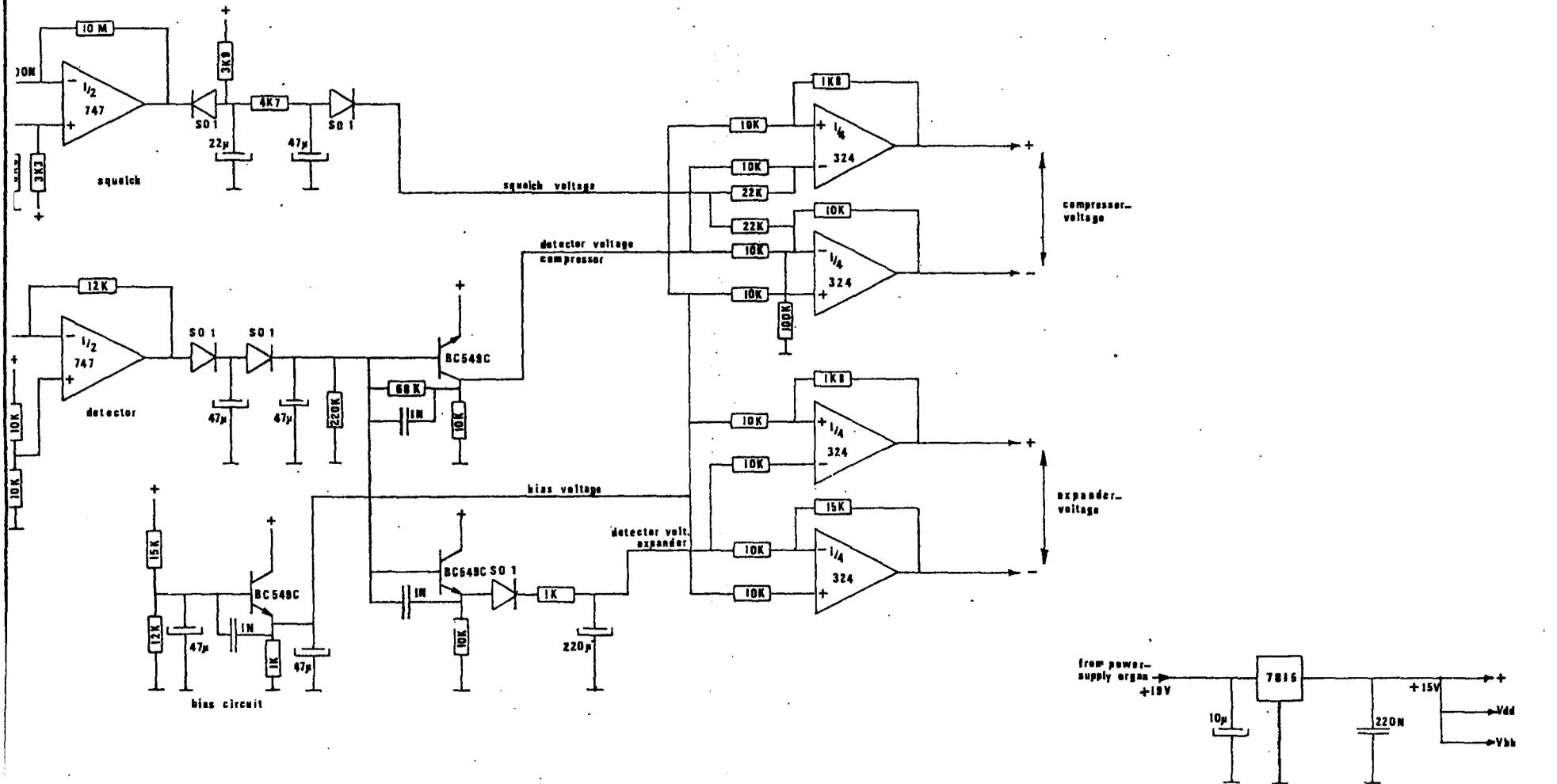
All states 50 1

Voicing Circuits Manual 1

Drawn	Date	Modified	Date
B.J. PETERS	10-4-73	T v Manen	20-8-80
DESIGN		J Versteeg Jr	18-9-80
J. VERSTEEGT		J Versteeg Jr	14-4-81

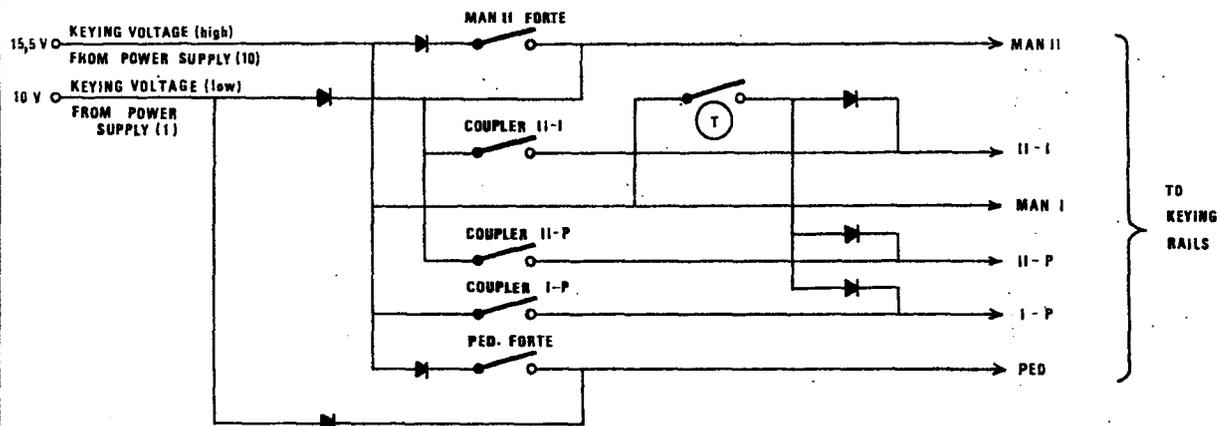
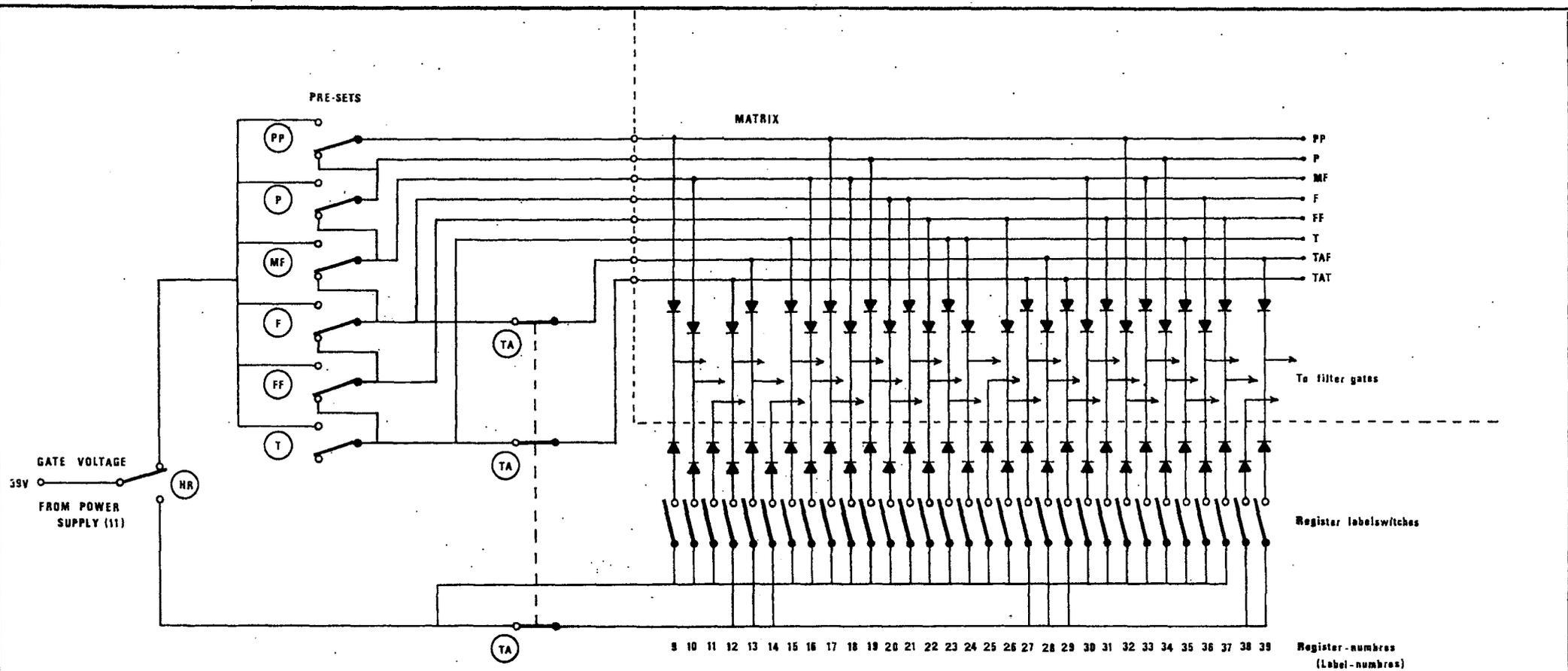
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OPUS 6

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page: 7



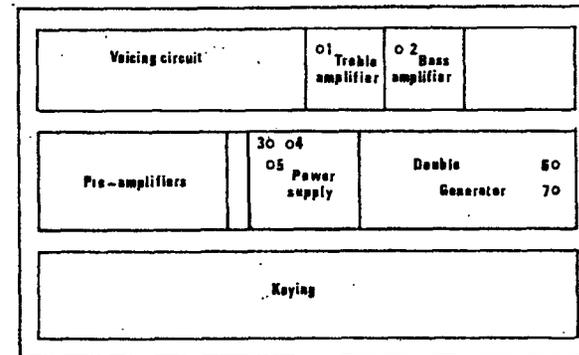
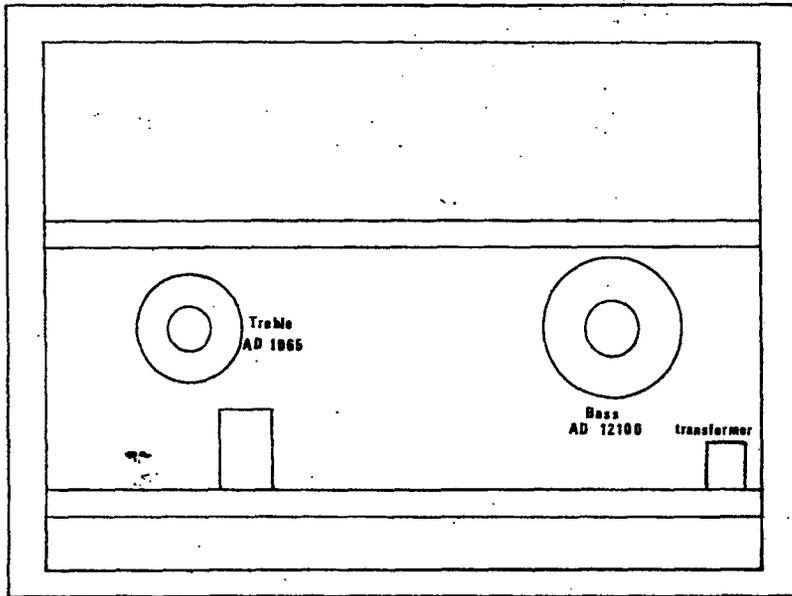
CONTROL CIRCUIT OF ECHO UNIT Octreal nr.: 78.02114 App

Drawn	Date	Modified	Date	JOHANNUS ORGAN OPUS 6
B.J. PETERS	18-3-79			
DESIGN				
LAB.				
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J. VERSTEEGT				page: 11



preset and coupler system			
Drawn	Date	Modified	Date
T v Manen	30 1 78		
DESIGN			
J VERSTEEGT			
copyright:	JOHANNUS	morsestraat 28	page:
J. VERSTEEGT	ORGELBOUW b.v.	8716 AH EDE HOLLAND	12
		Tel. 08380-19148	

JOHANNUS
ORGAN
OPUS 6



CONTROLES

- | | |
|-----------------------|---------------------|
| <u>In rack</u> | <u>echo circuit</u> |
| 1: Volume: bass ampl. | 8: Input |
| 2: " " treble | 9: Bass output |
| 3: Tremulant depth | 10: Treble output |
| 4: Kick depth | 11: Feedback |
| 5: Tremulant speed | 12: Chorus |
| 6: Tuning gen. 1 | 13: Clock frequency |
| 7: " " 2 | |

Adjustments				JOHANNUS ORGAN OPUS 6
Drawn	Date	Modified	Date	
B.J. Peters	17-4-78	J. Versteeg	5-9-78	
DESIGN				copyright: JOHANNUS morsestraat 28 6716 AH EDE HOLLAND
J. Versteeg				
				page: 2