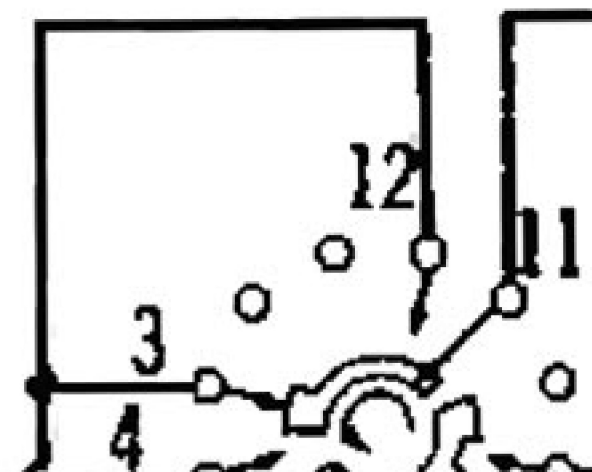
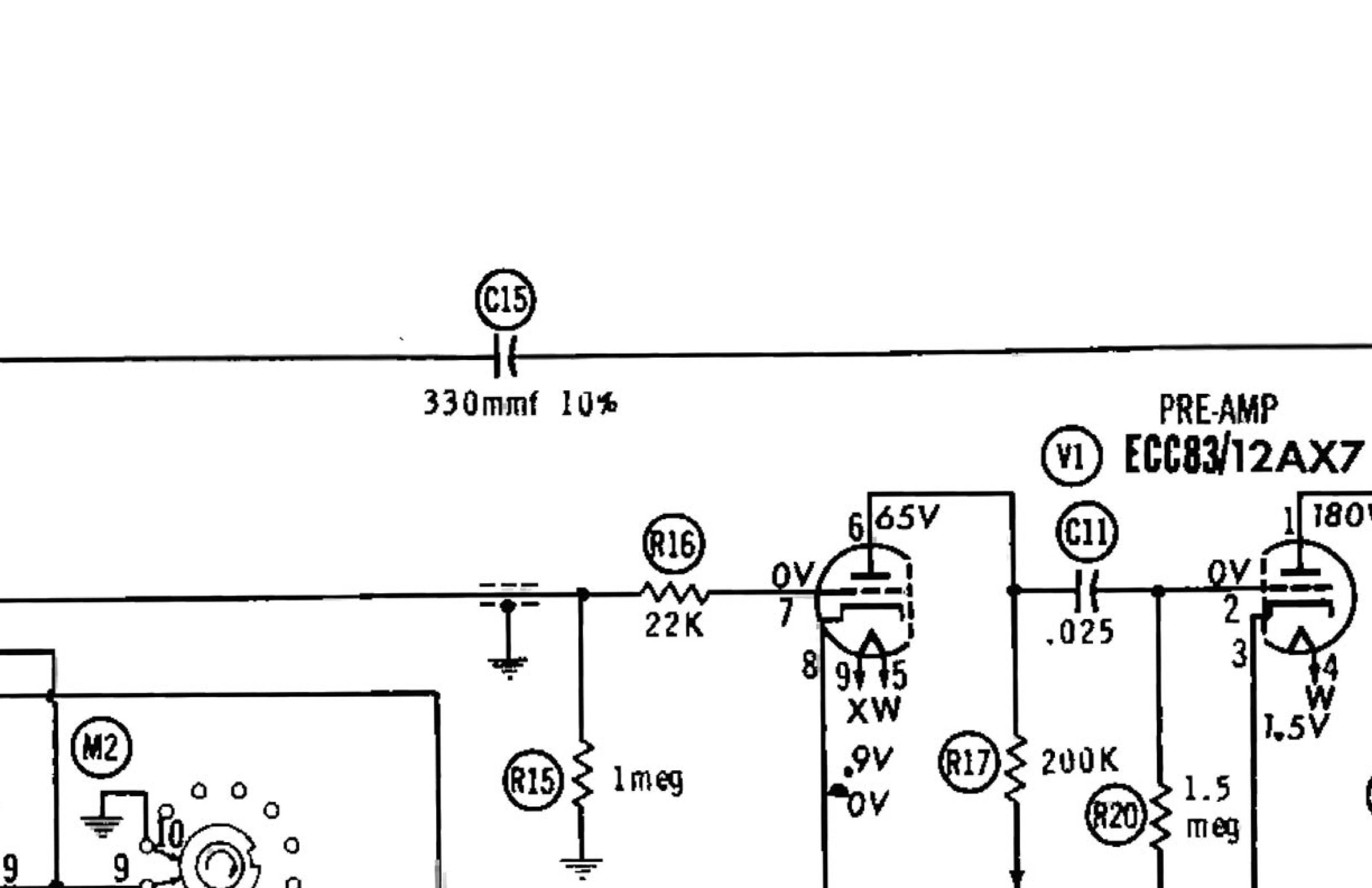
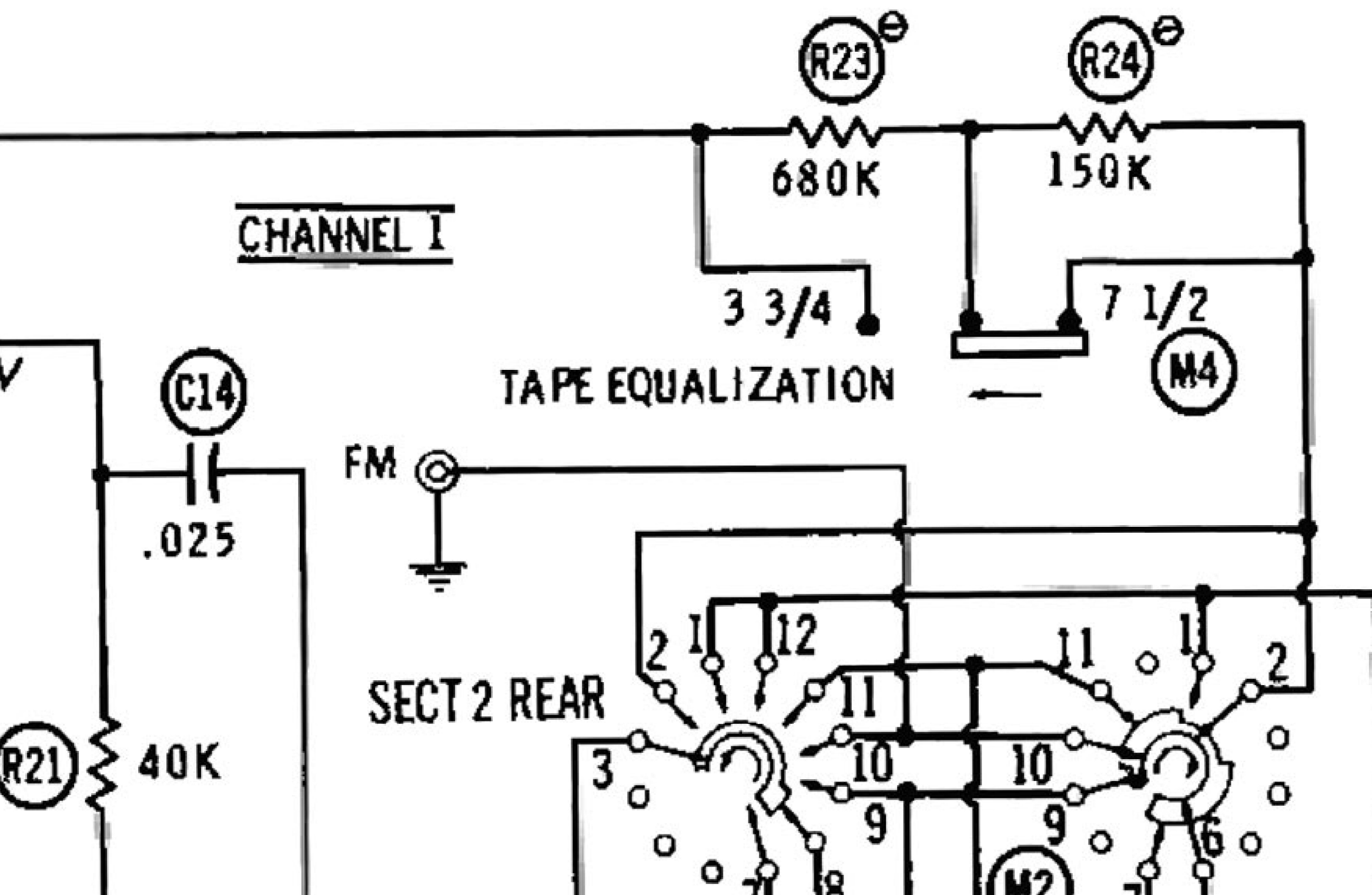
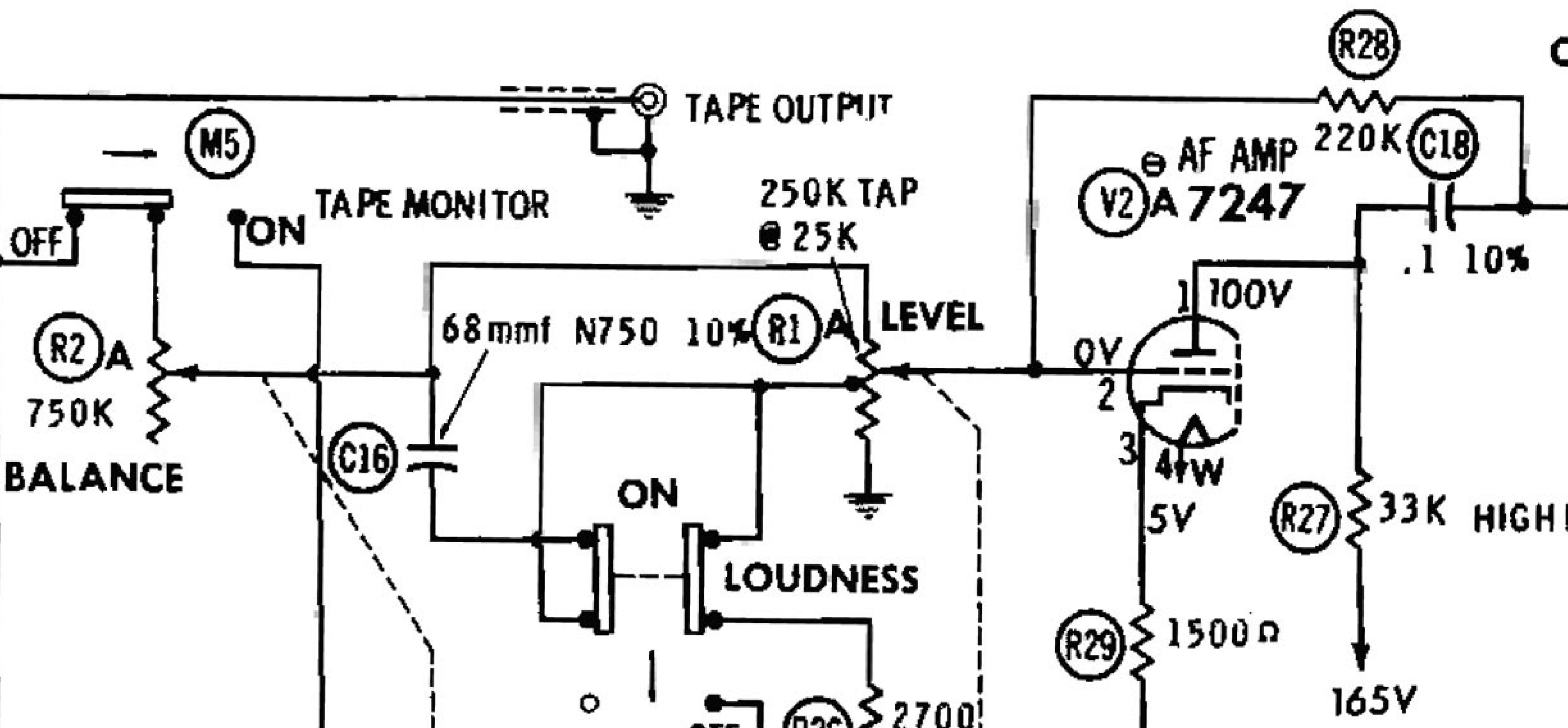


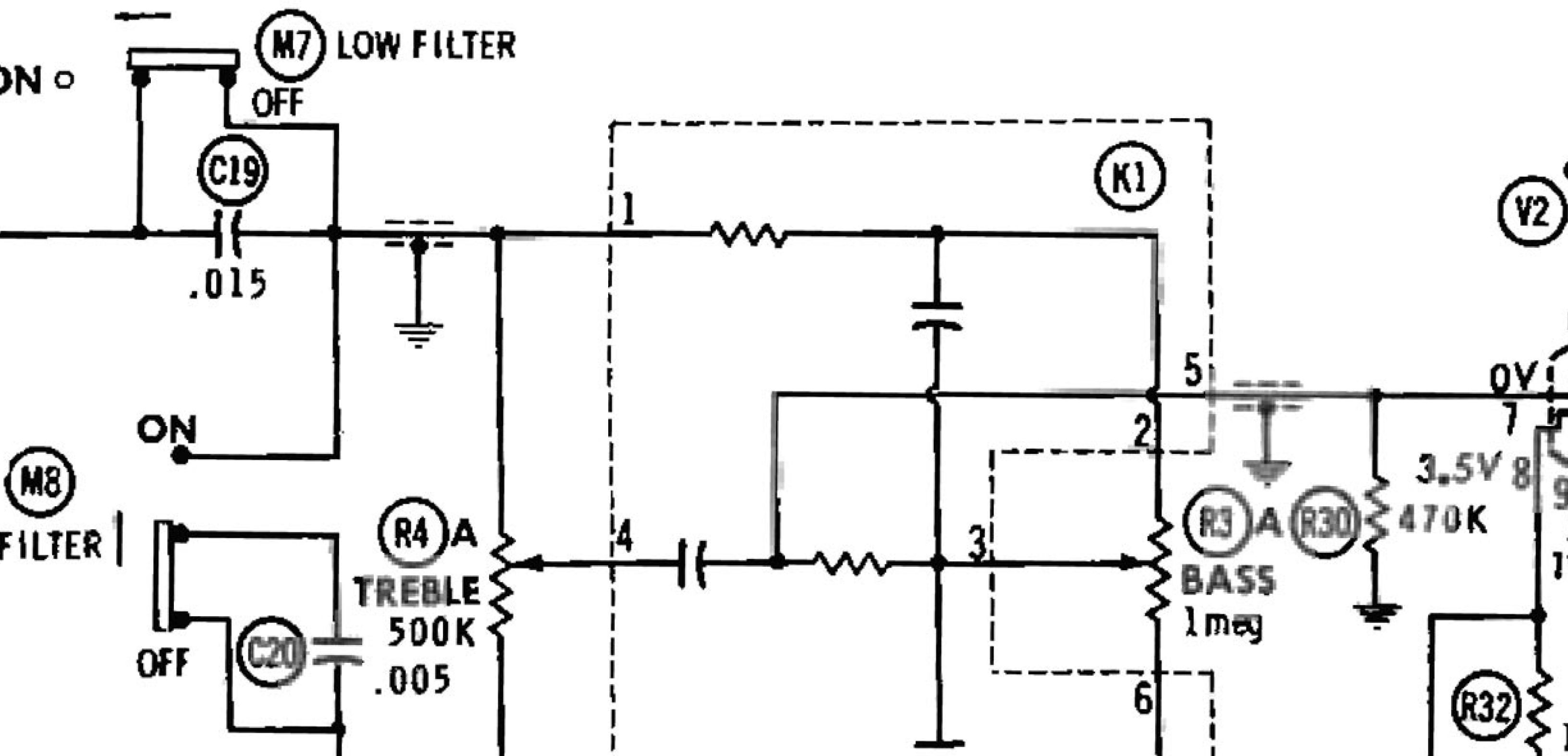
INPUTS
TAPE HEAD ©

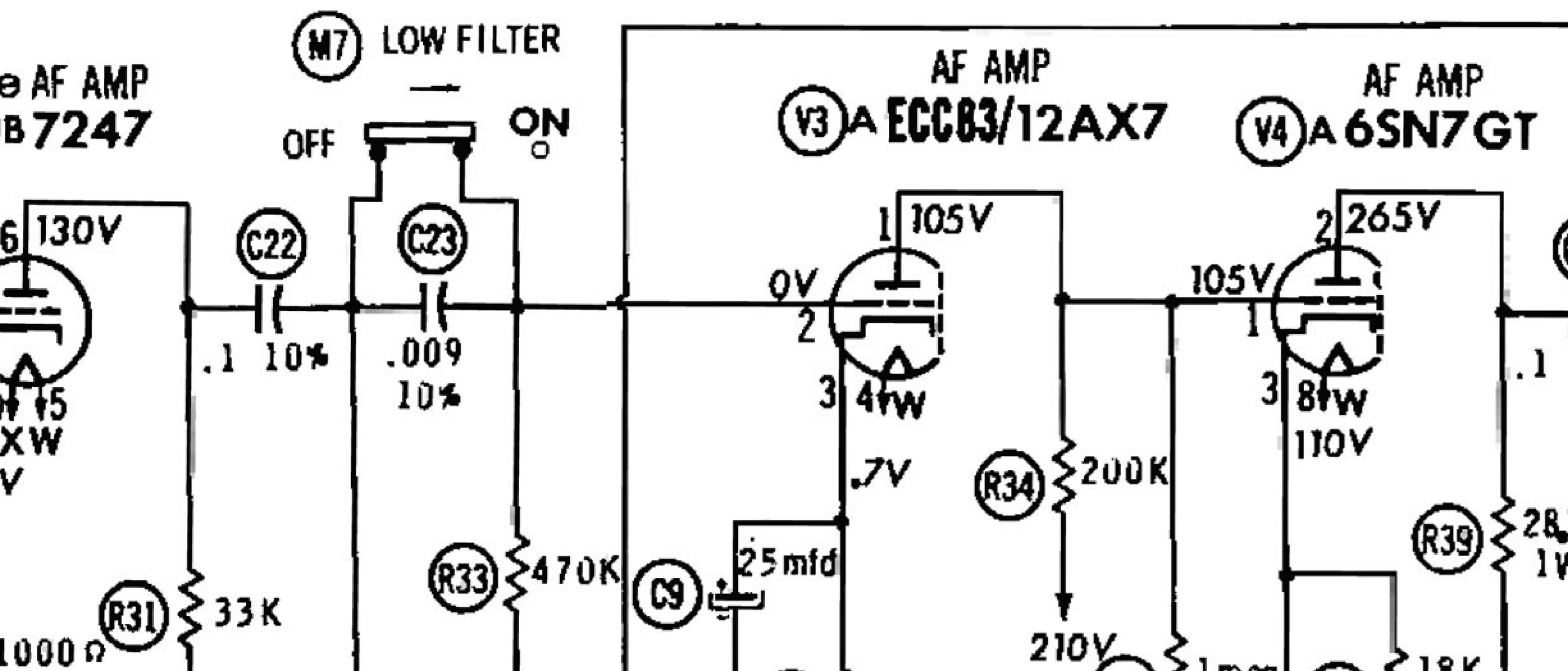


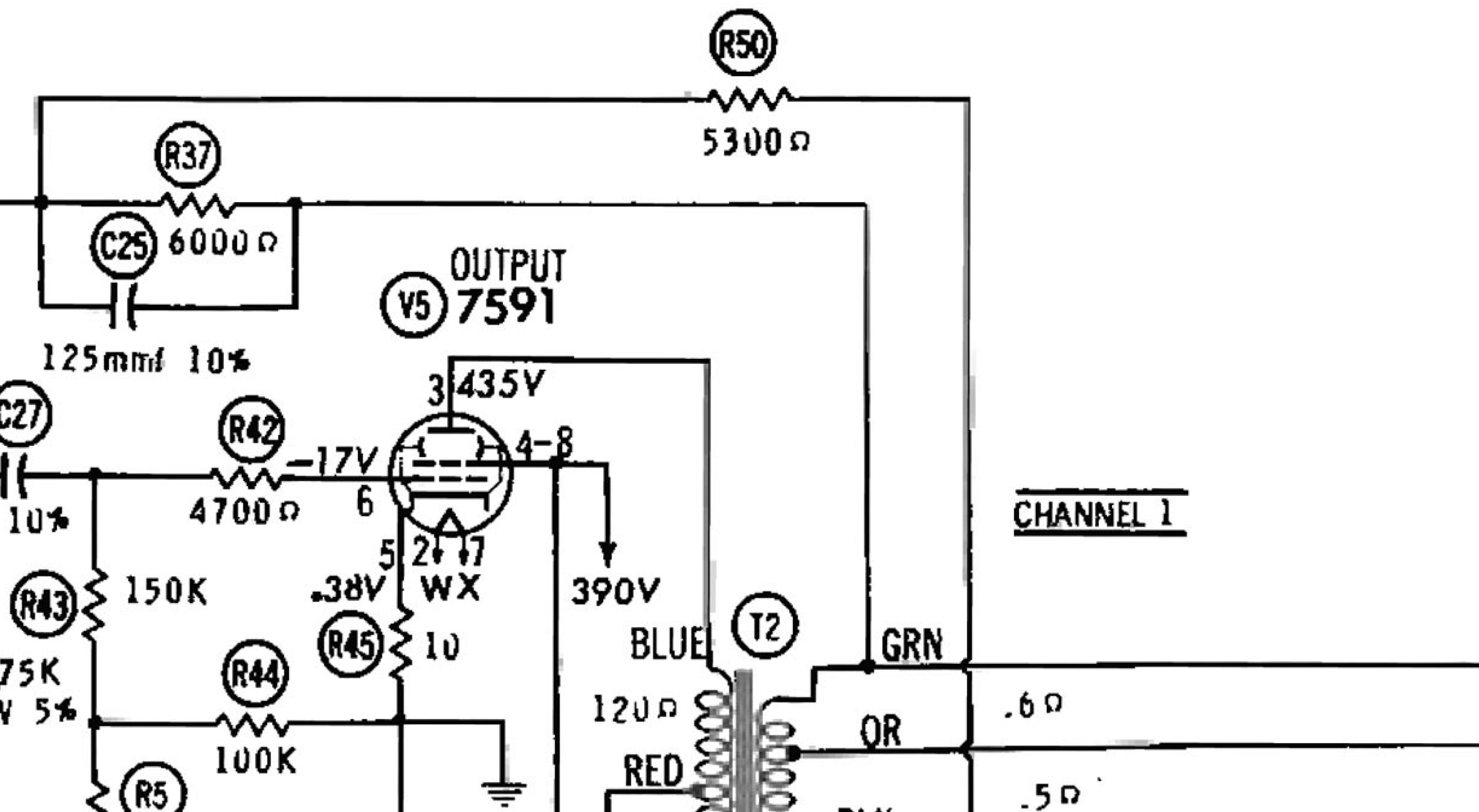




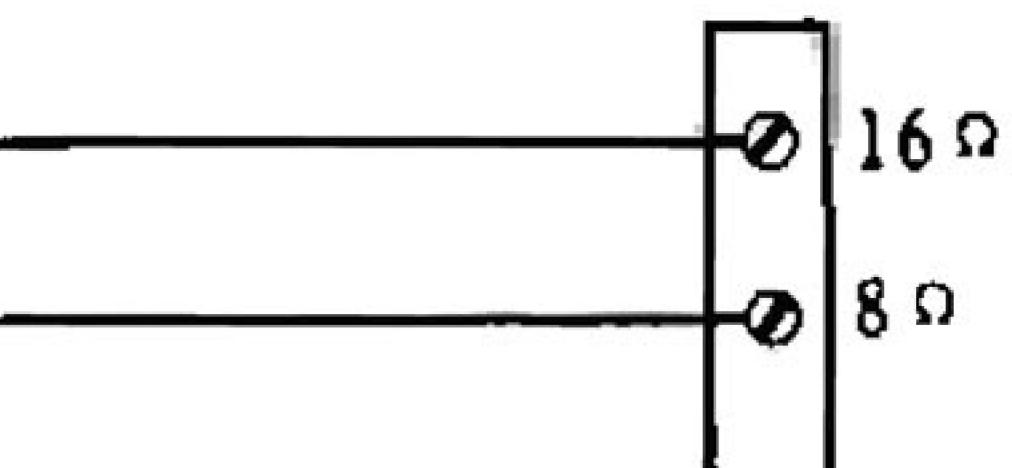


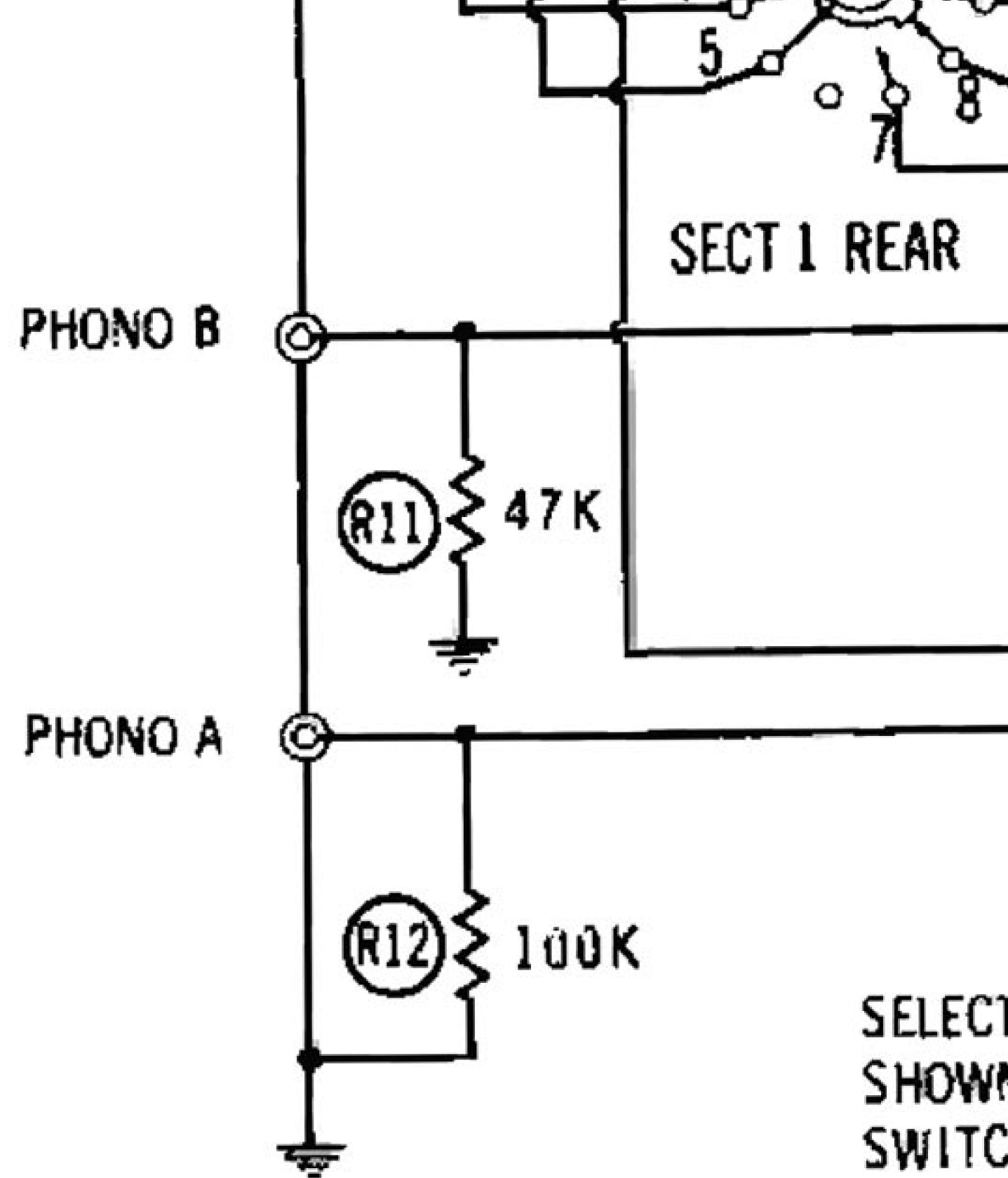




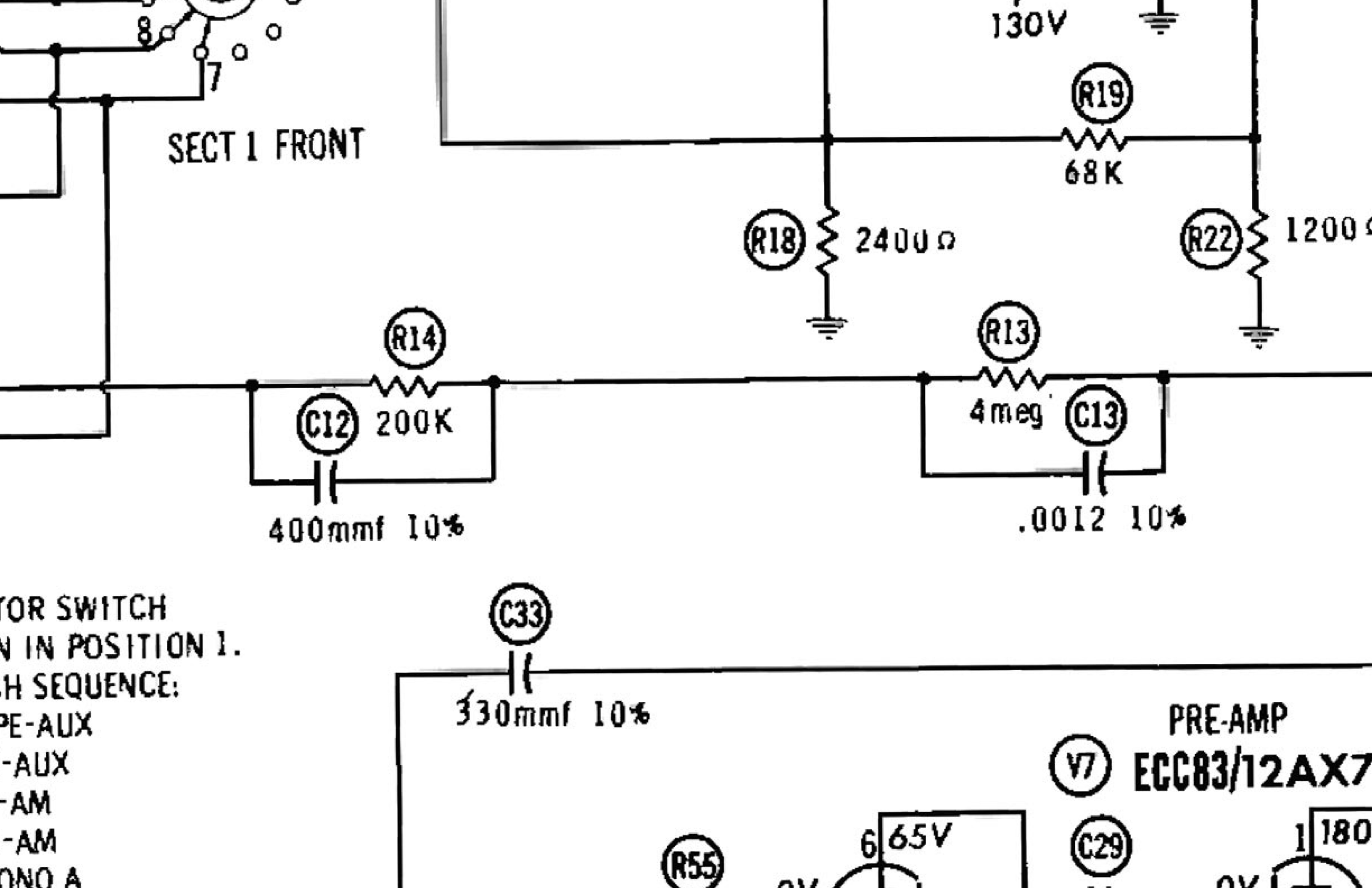


OUTPUT TERMINAL
BOARD





- SELECT
SHOW
SWITCH
- 1. TAP
 - 2. MX
 - 3. FM
 - 4. AM
 - 5. PH



230V

TAPE AUX

MX AUX

SECT 2.
FRONT

(R25) 6800
 Ω

AM

MODE
SWITCH
REAR

CHANNEL 2

(R64) 680K

(R63) 150K

7 1/2

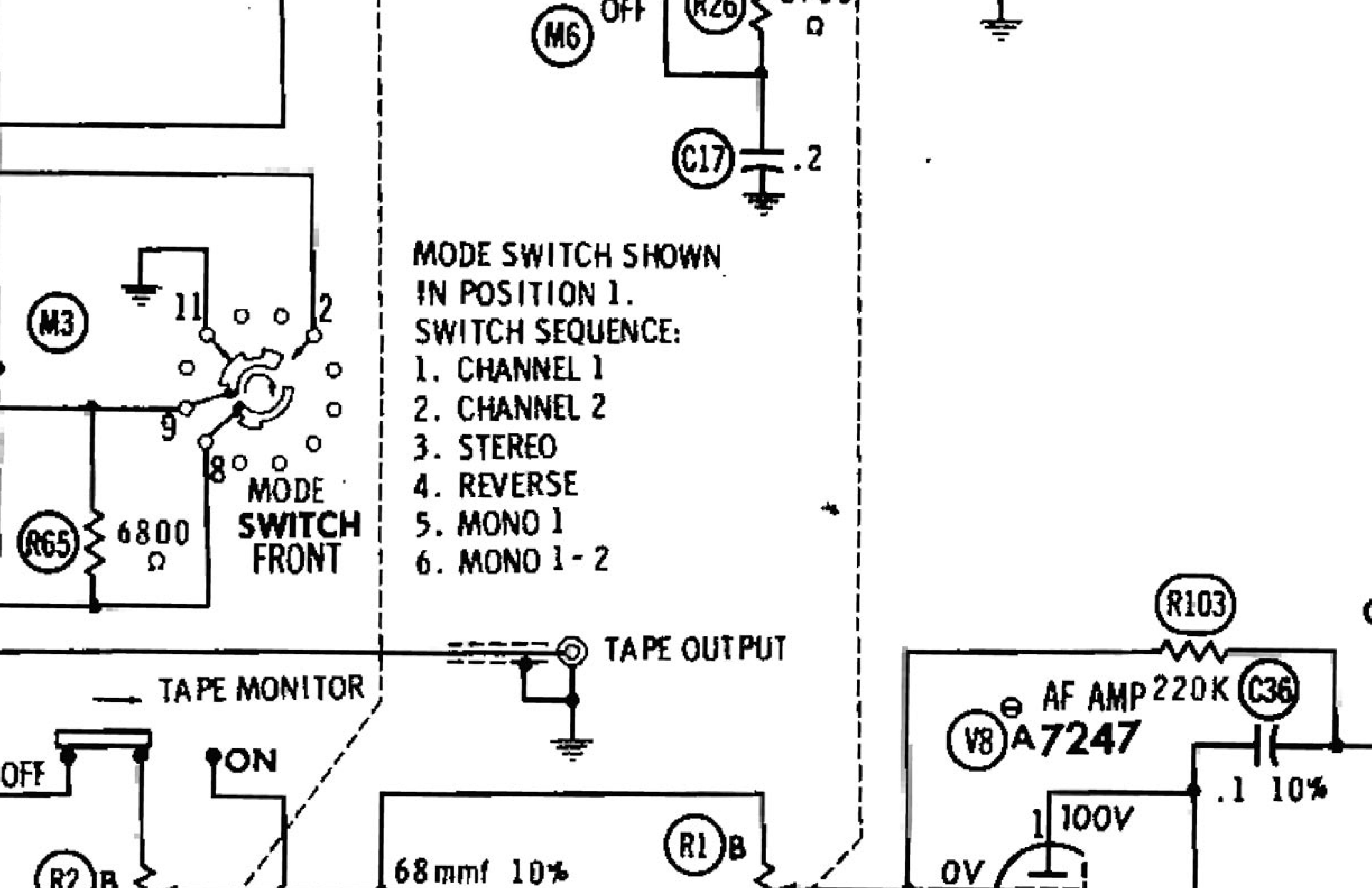
3 3/4

(C32)

(M4)

(M5)

TAP E QUALIZATION



MODE SWITCH SHOWN
IN POSITION 1.

SWITCH SEQUENCE:

1. CHANNEL 1
2. CHANNEL 2
3. STEREO
4. REVERSE
5. MONO 1
6. MONO 1 - 2

MODE
SWITCH
FRONT

TAPE OUTPUT

TAPE MONITOR

ON

OFF

AF AMP 220K

V8 A7247

.1 10%

100V

0V

68mmf 10%

R1 B

R103

C17

.2

M6

OFF

R26

M3

11

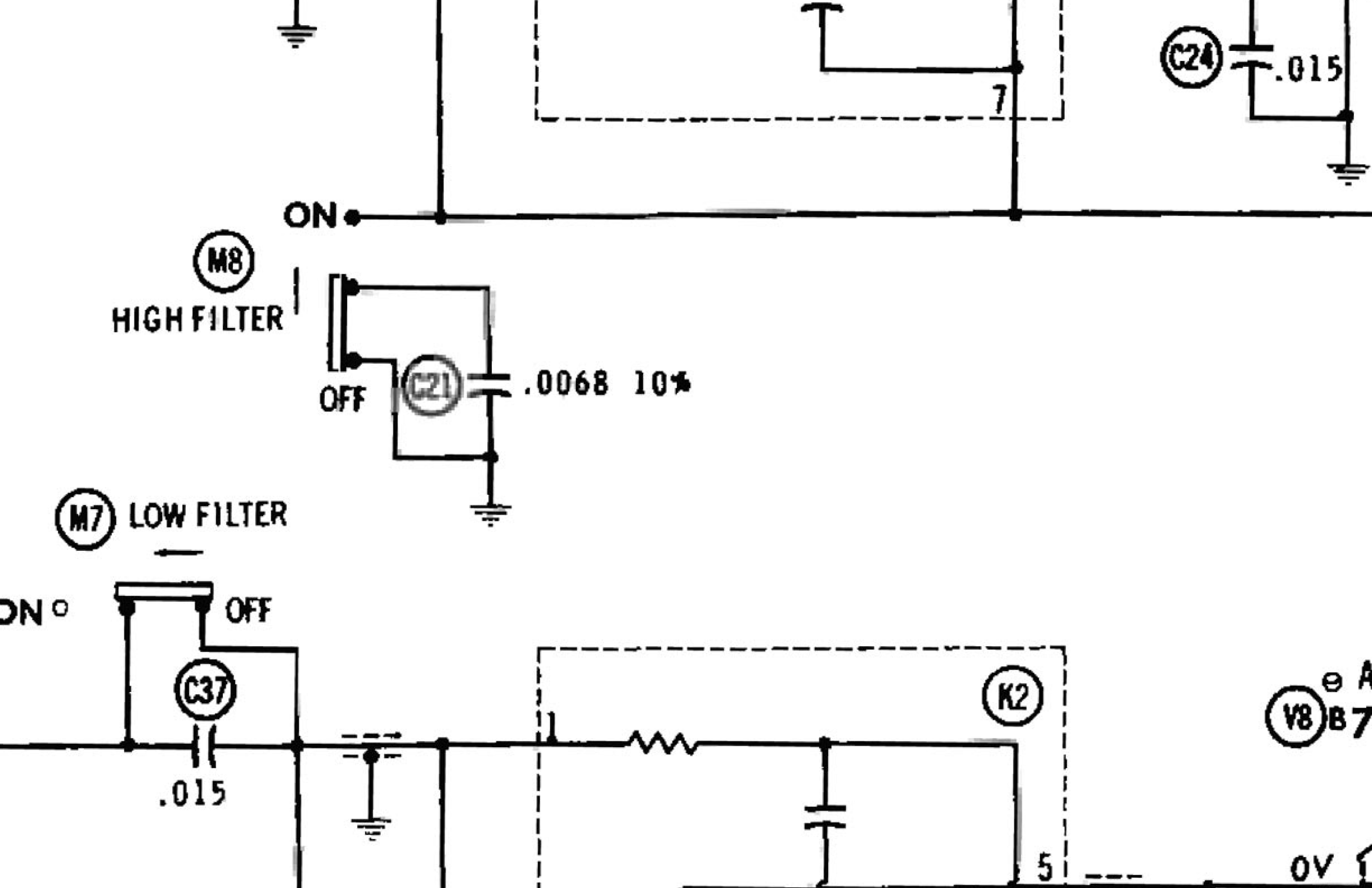
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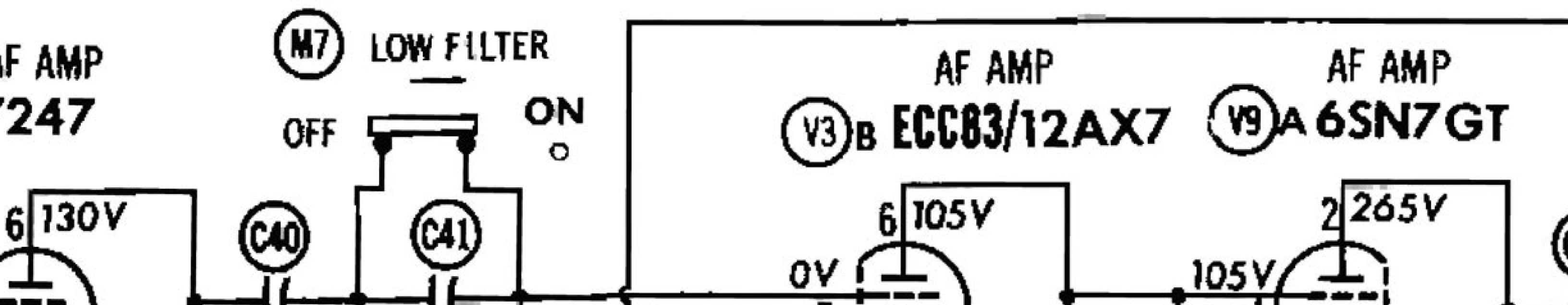
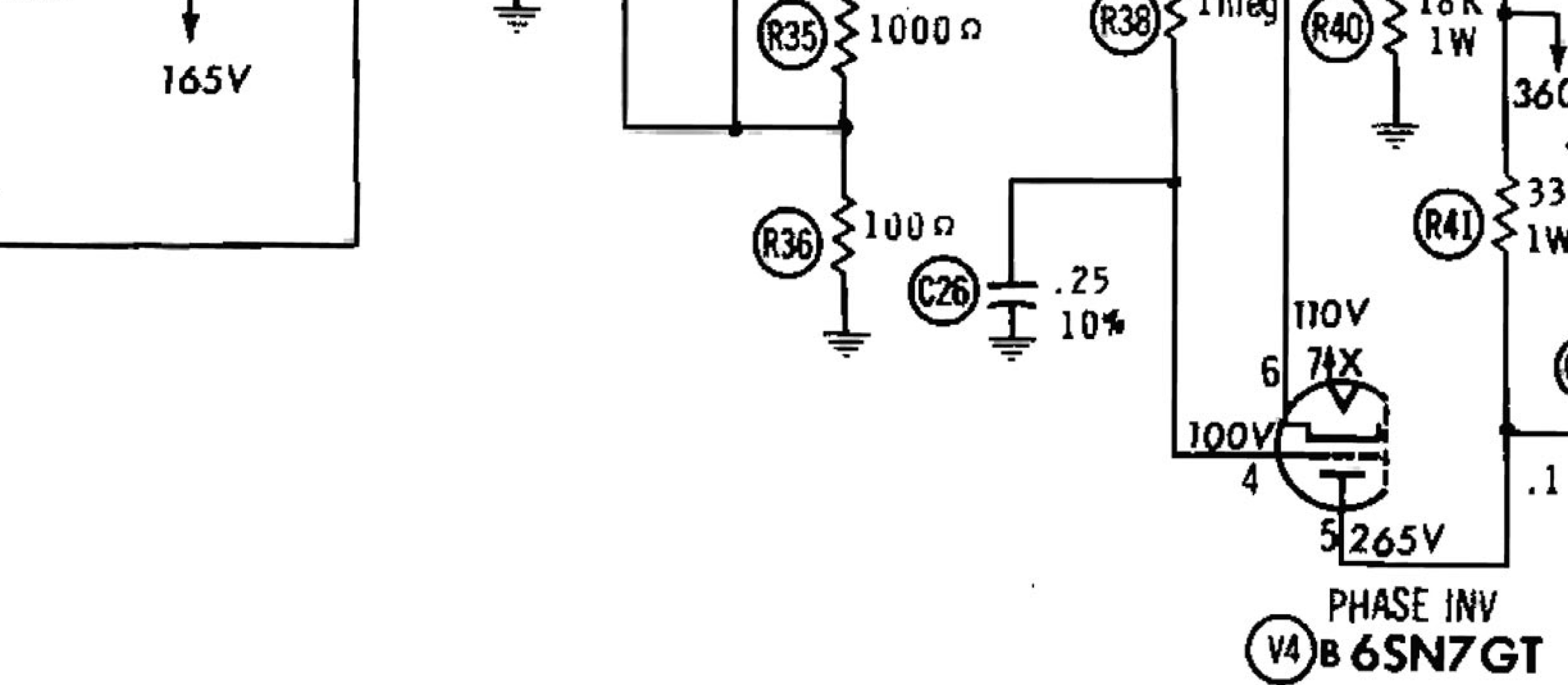
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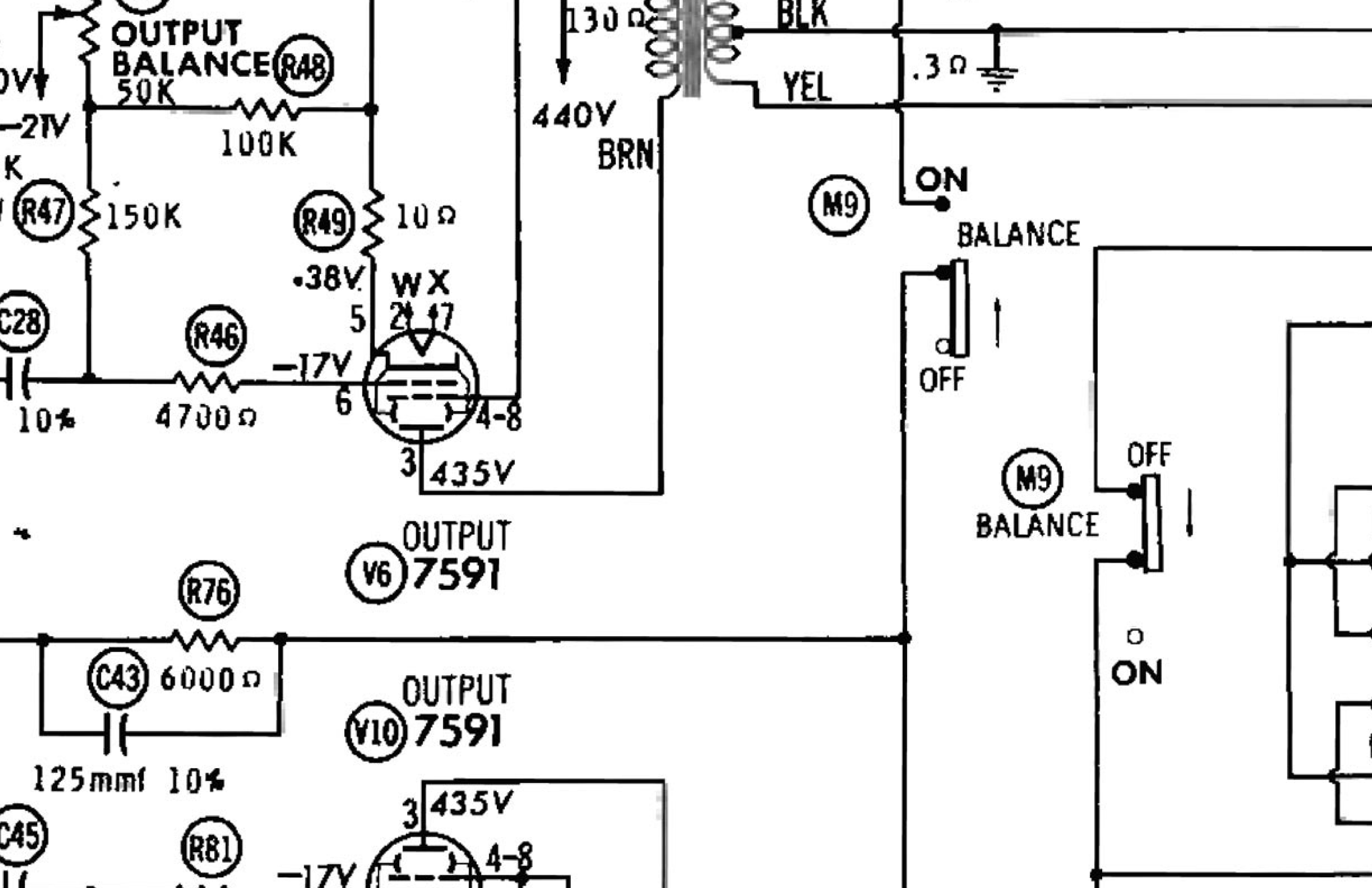
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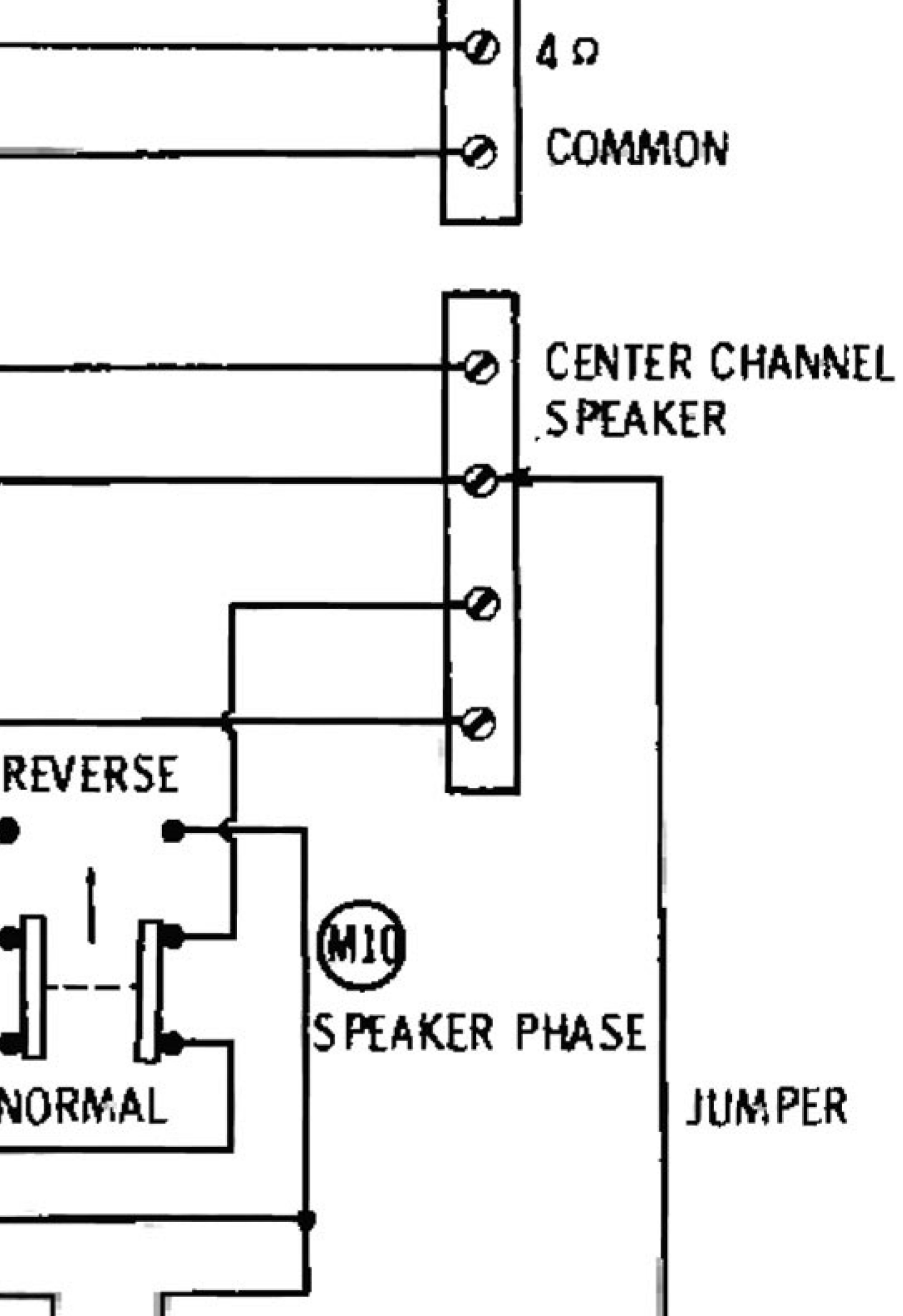
R65

6800
 Ω









5. PH
6. PH
7. TA

INPUTS

TAPE HEAD

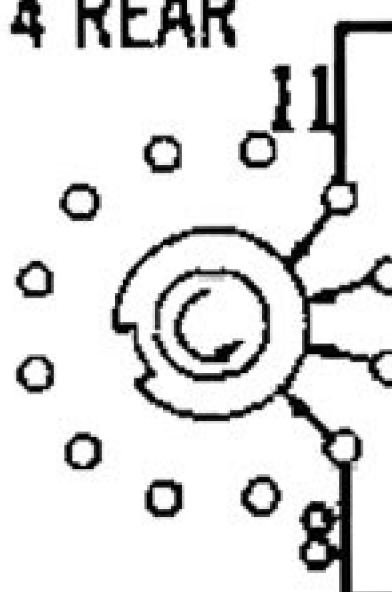
SECT 4 REAR

PHONO B

PHONO A

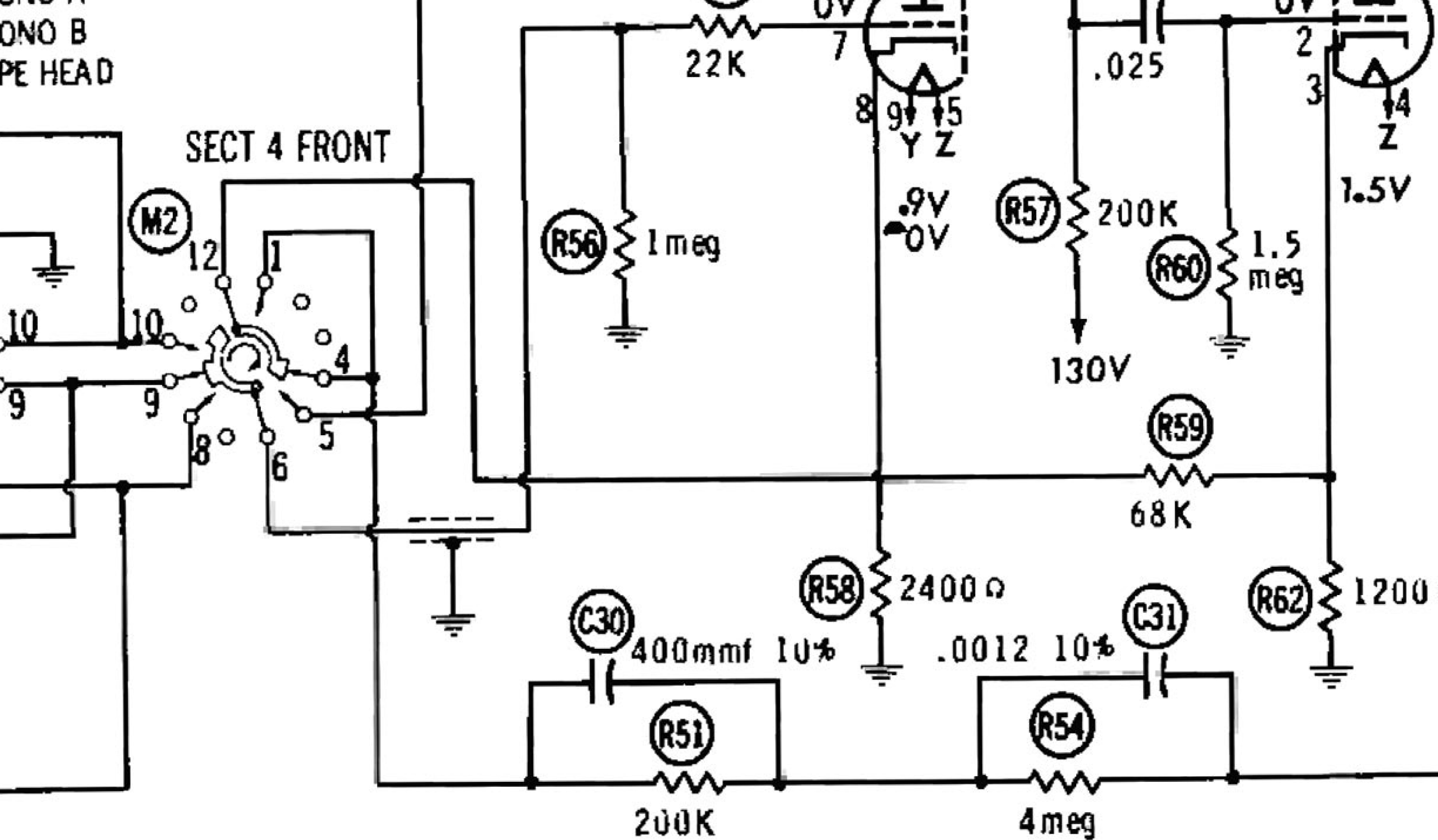
(R52) 47K

(R53) 100K

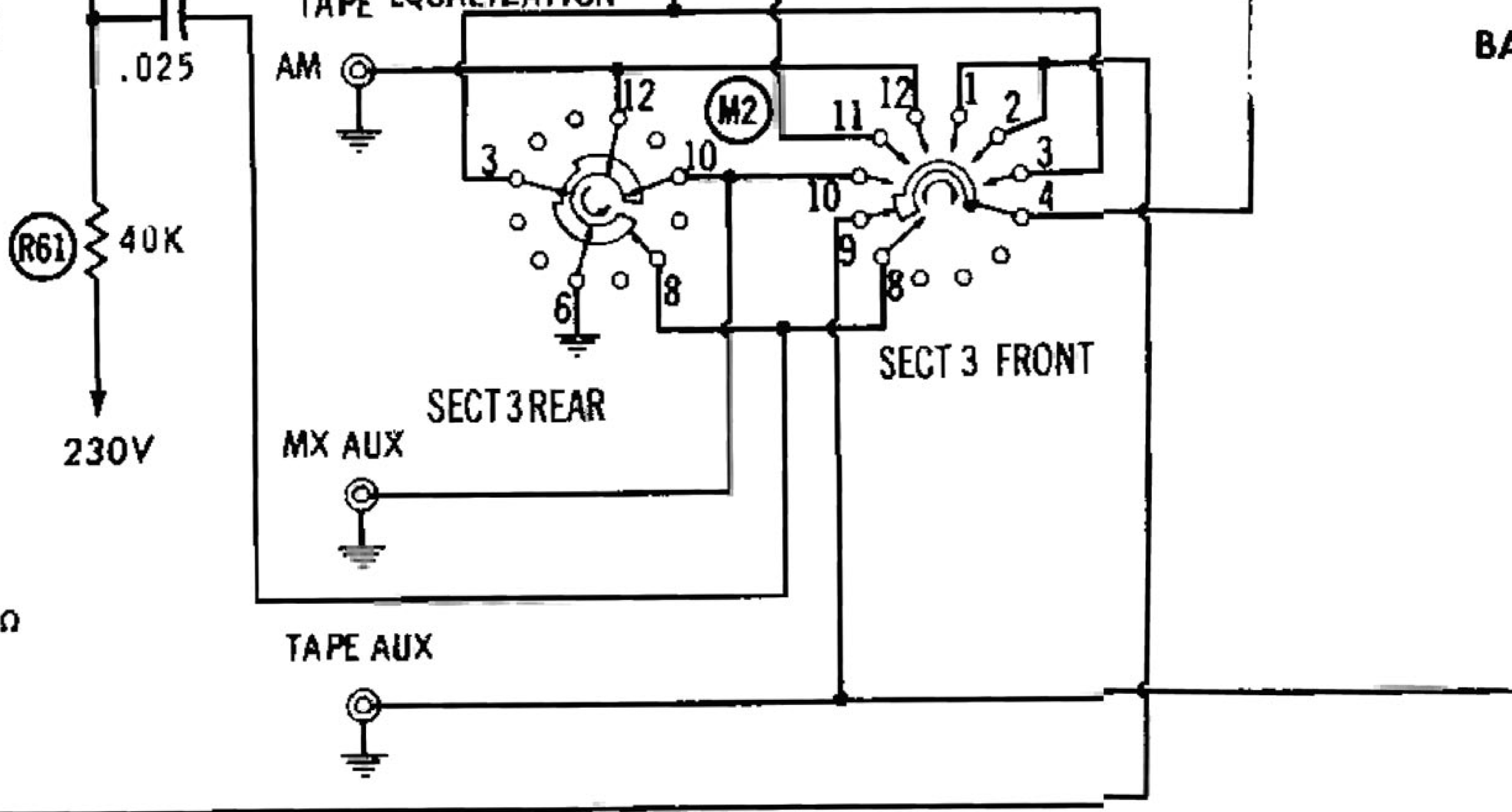


ONO B
PE HEAD

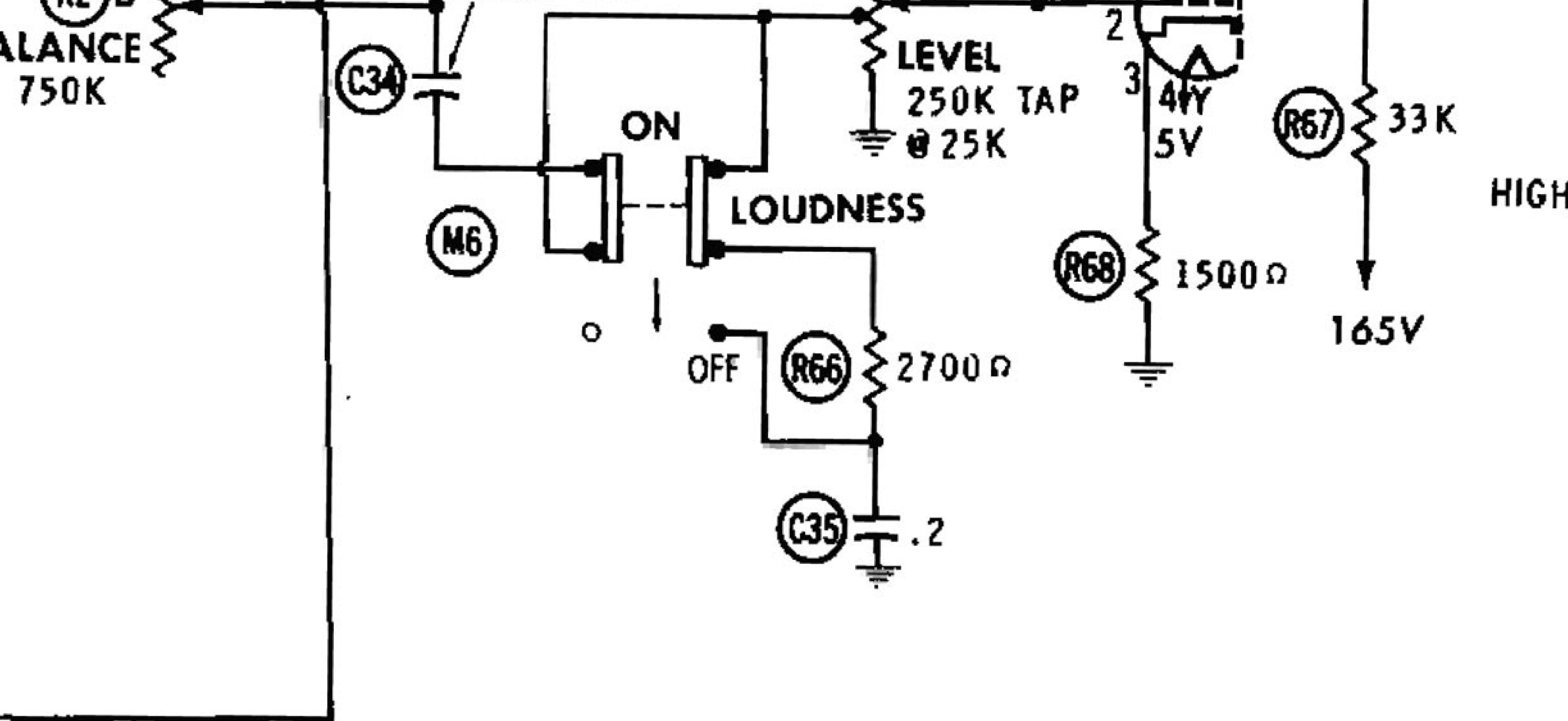
SECT 4 FRONT

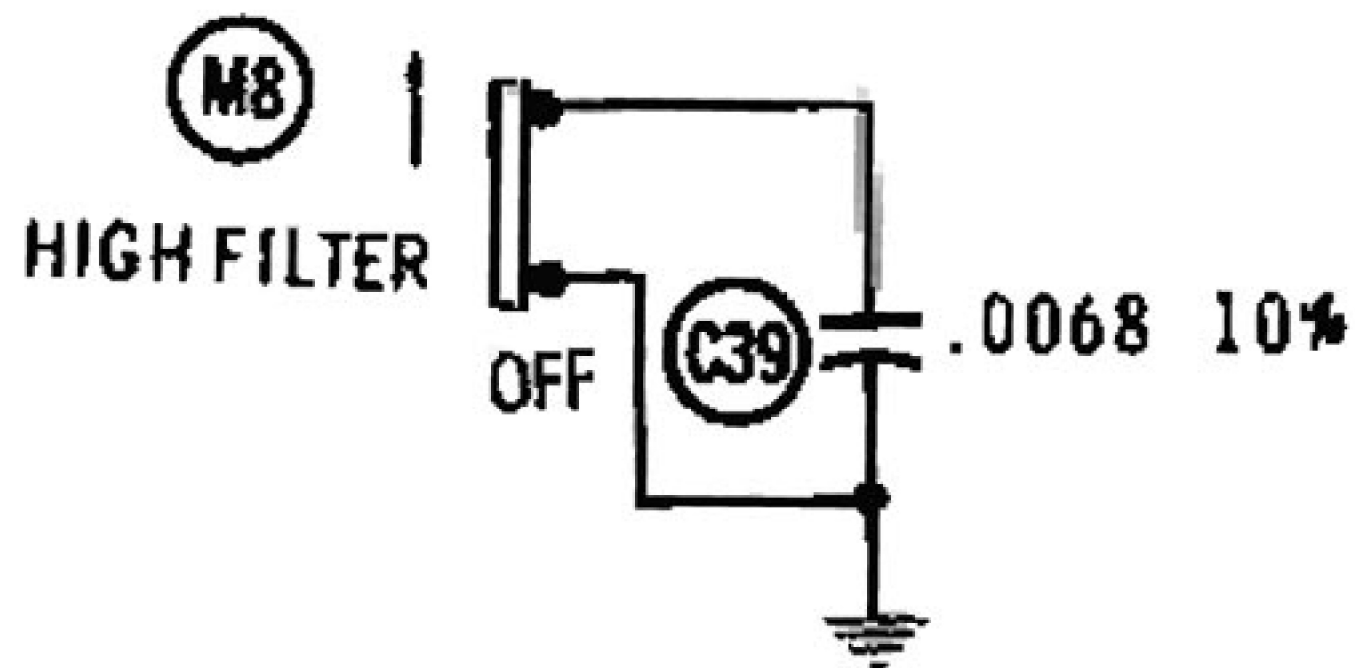
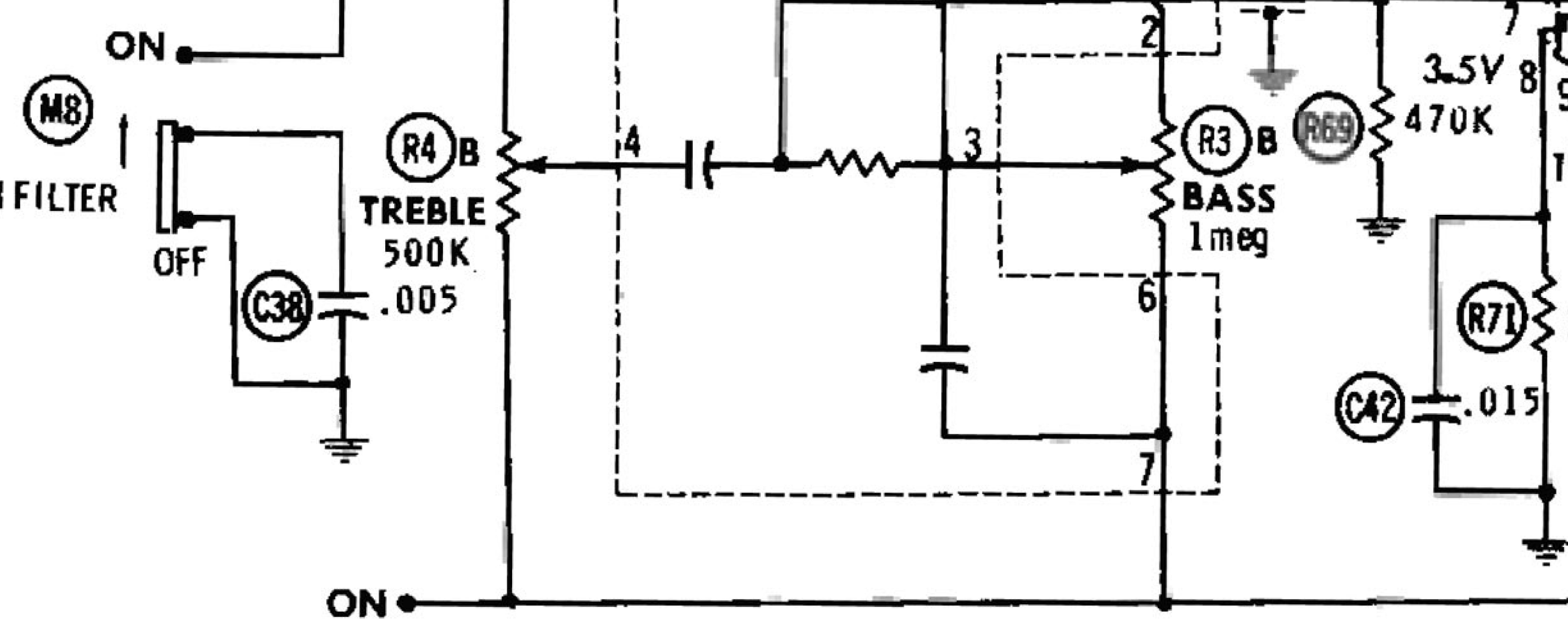


RESISTOR

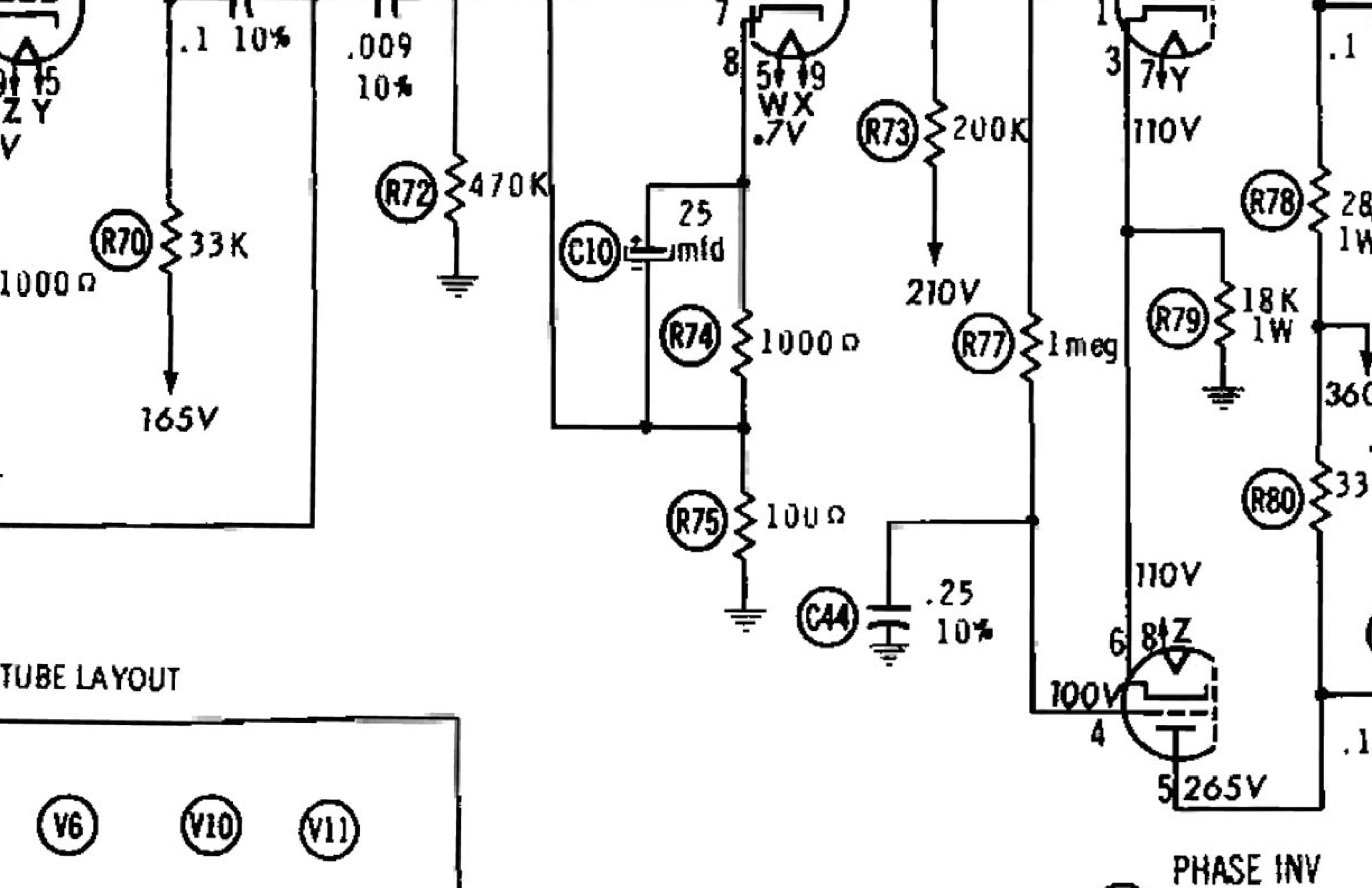


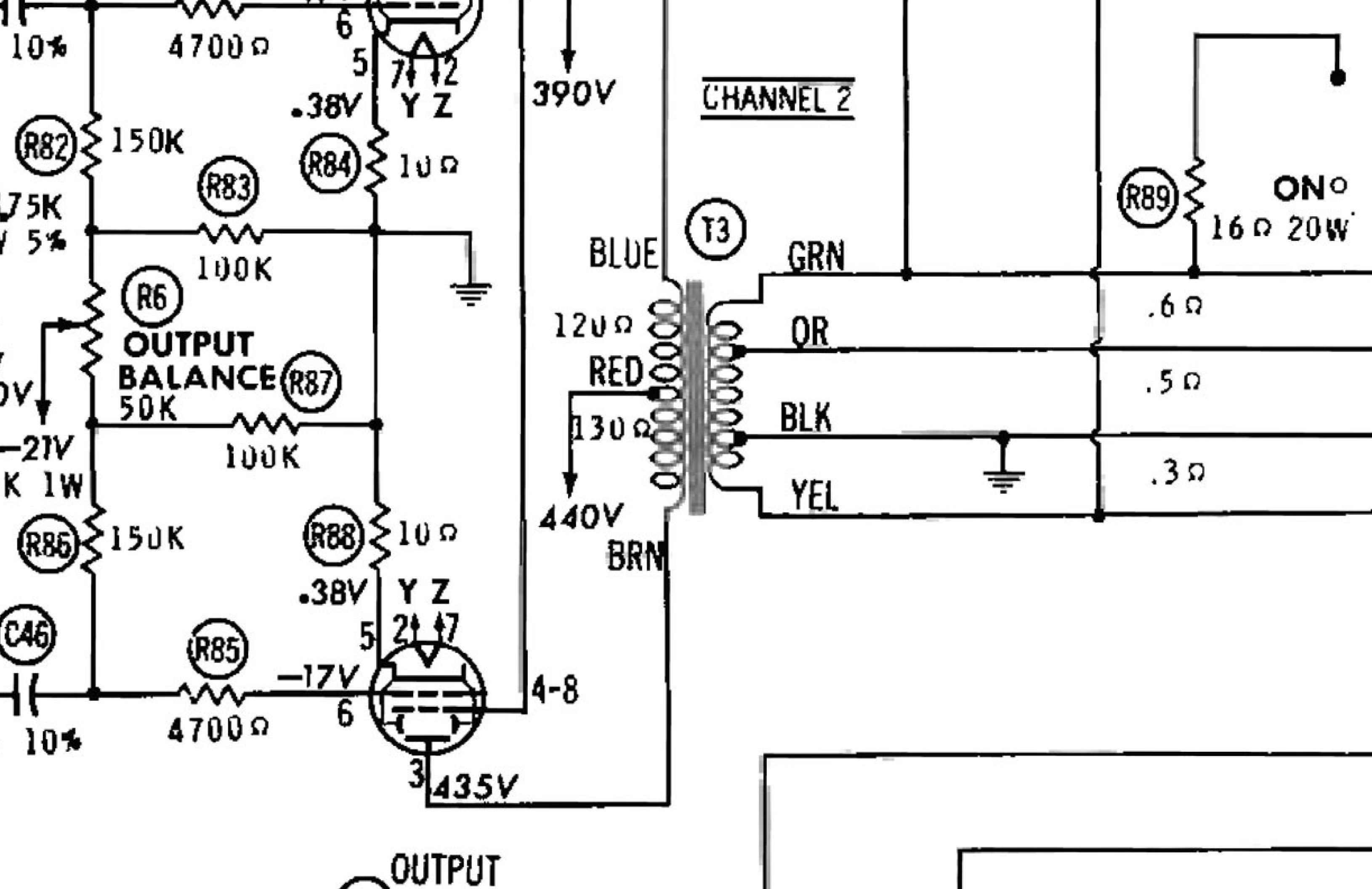
NCE READINGS

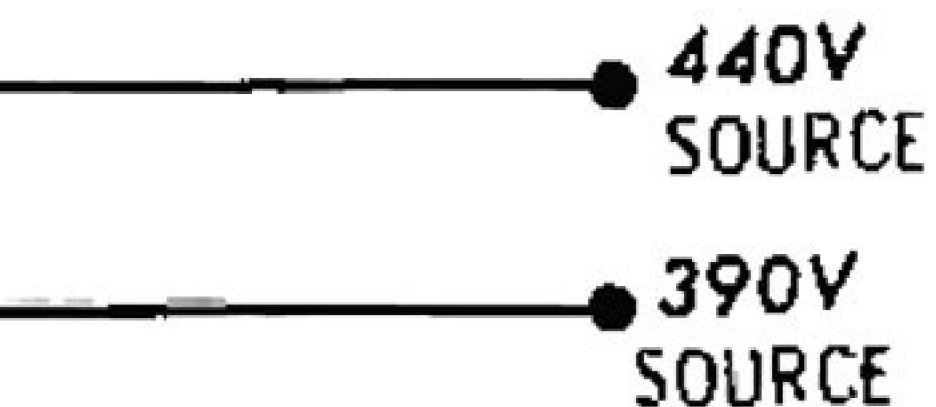
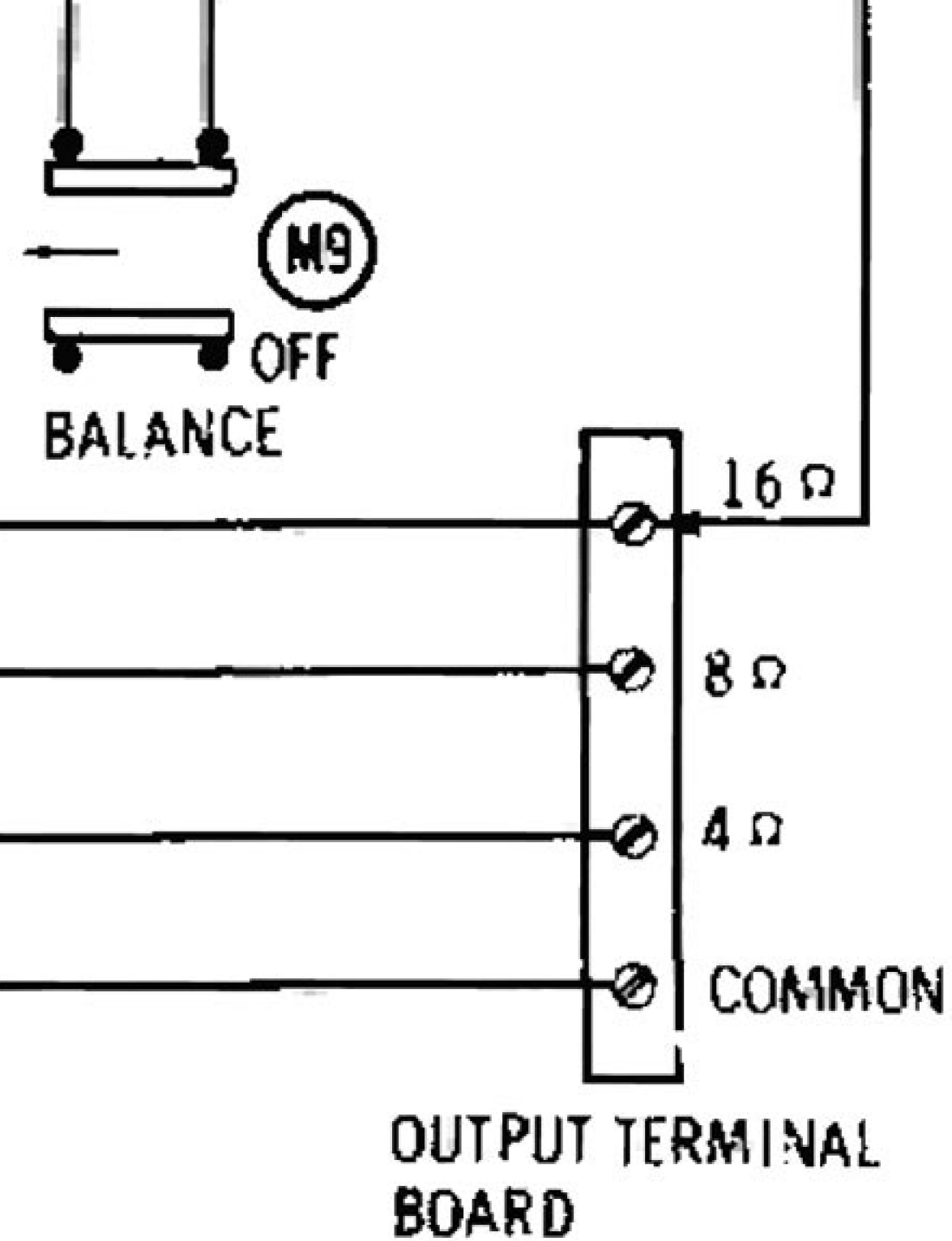


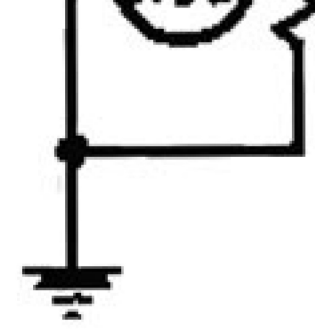


V5









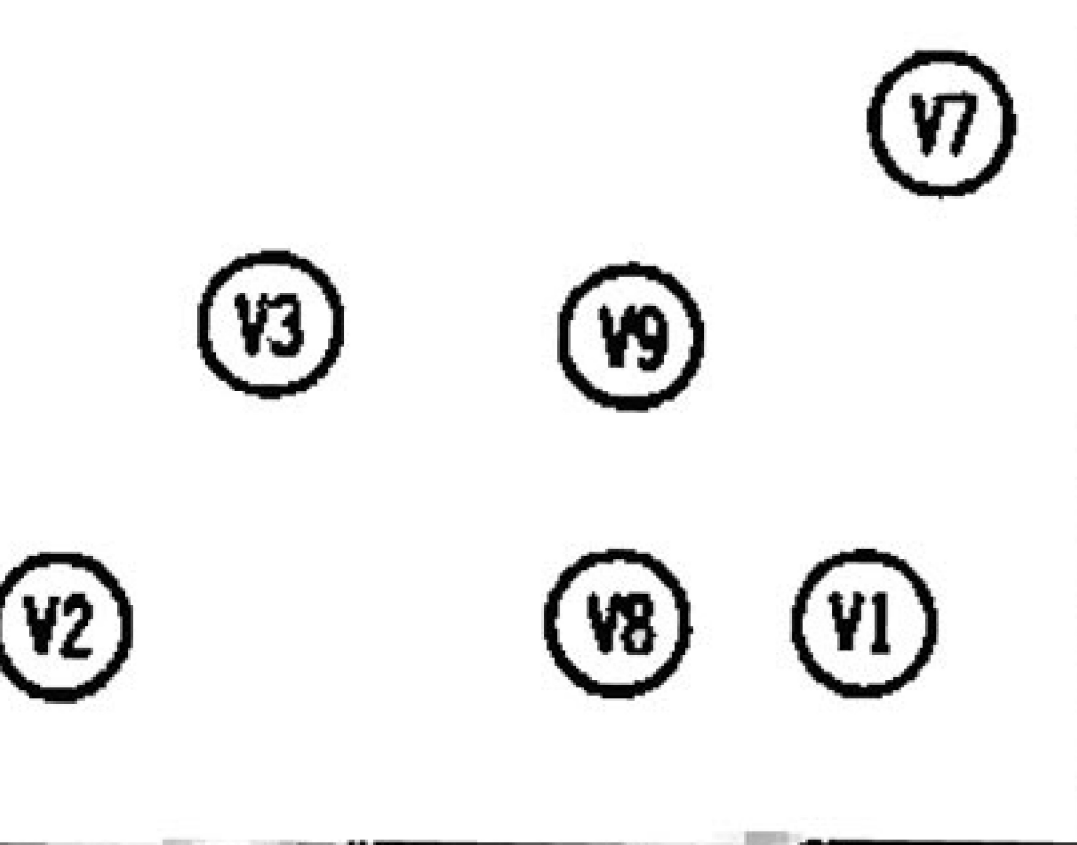
ITEM	TUBE	Pin 1	Pin 2	Pin 3	
V1	ECC83 12AX7	†60K	1.5meg	1200Ω	FIL
V2	7247	†63K	0Ω	1500Ω	FIL
V3	ECC83 12AX7	†345K	200K ■470K	1100Ω	FIL
V4	6SN7GTB	†345K	†33K	18K	†1
V5	7591	TP	FIL	†120Ω	†1
V6	7591	TP	FIL	†130Ω	†1
V7	ECC83 12AX7	†60K	1.5meg	1200Ω	FIL
V8	7247	†63K	0Ω	1500Ω	FIL
V9	6SN7GTB	†345K	†33K	18K	†1
V10	7591	TP	FIL	†120Ω	†1
V11	7591	TP	FIL	†130Ω	†1

Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
	FIL	†340K	22K ■ 1meg	2400 Ω ■ 0 Ω	FIL
	FIL	†63K	220K 470K	1000 Ω	FIL
	FIL	†345K	200K ■ 470K	1100 Ω	FIL
.3meg	†37K	18K	FIL	FIL	
800 Ω	10 Ω	200K	FIL	†1800 Ω	
800 Ω	10 Ω	200K	FIL	†1800 Ω	
	FIL	†340K	22K ■ 1meg	2400 Ω ■ 0 Ω	FIL
	FIL	†63K	220K ■ 470K	1000 Ω	FIL
.3meg	†37K	18K	FIL	FIL	
800 Ω	10 Ω	200K	FIL	†1800 Ω	
800 Ω	10 Ω	200K	FIL	†1800 Ω	

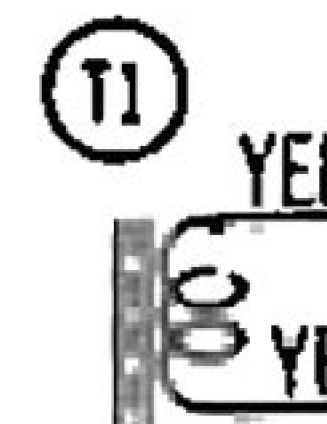
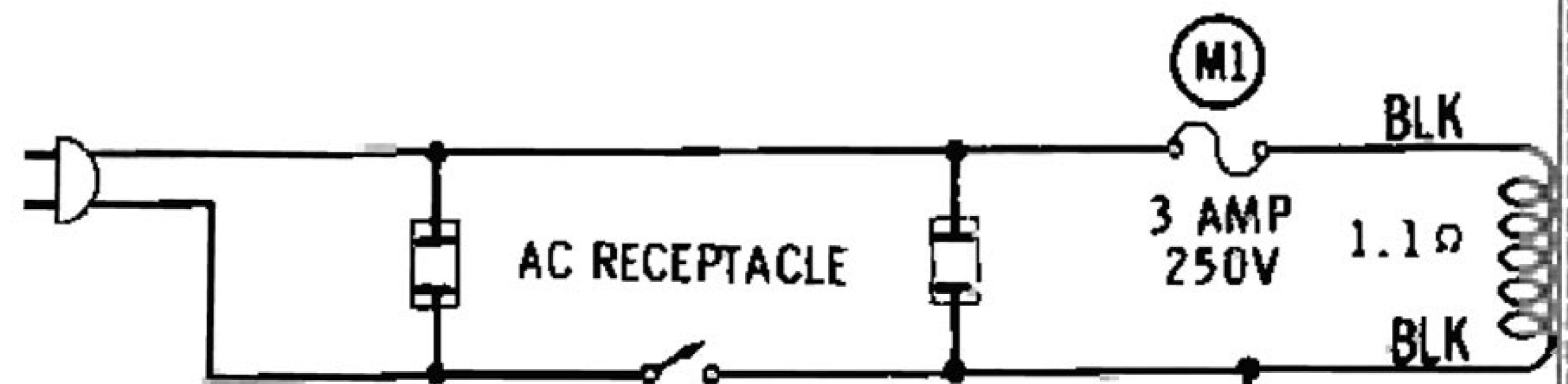
V12

V4

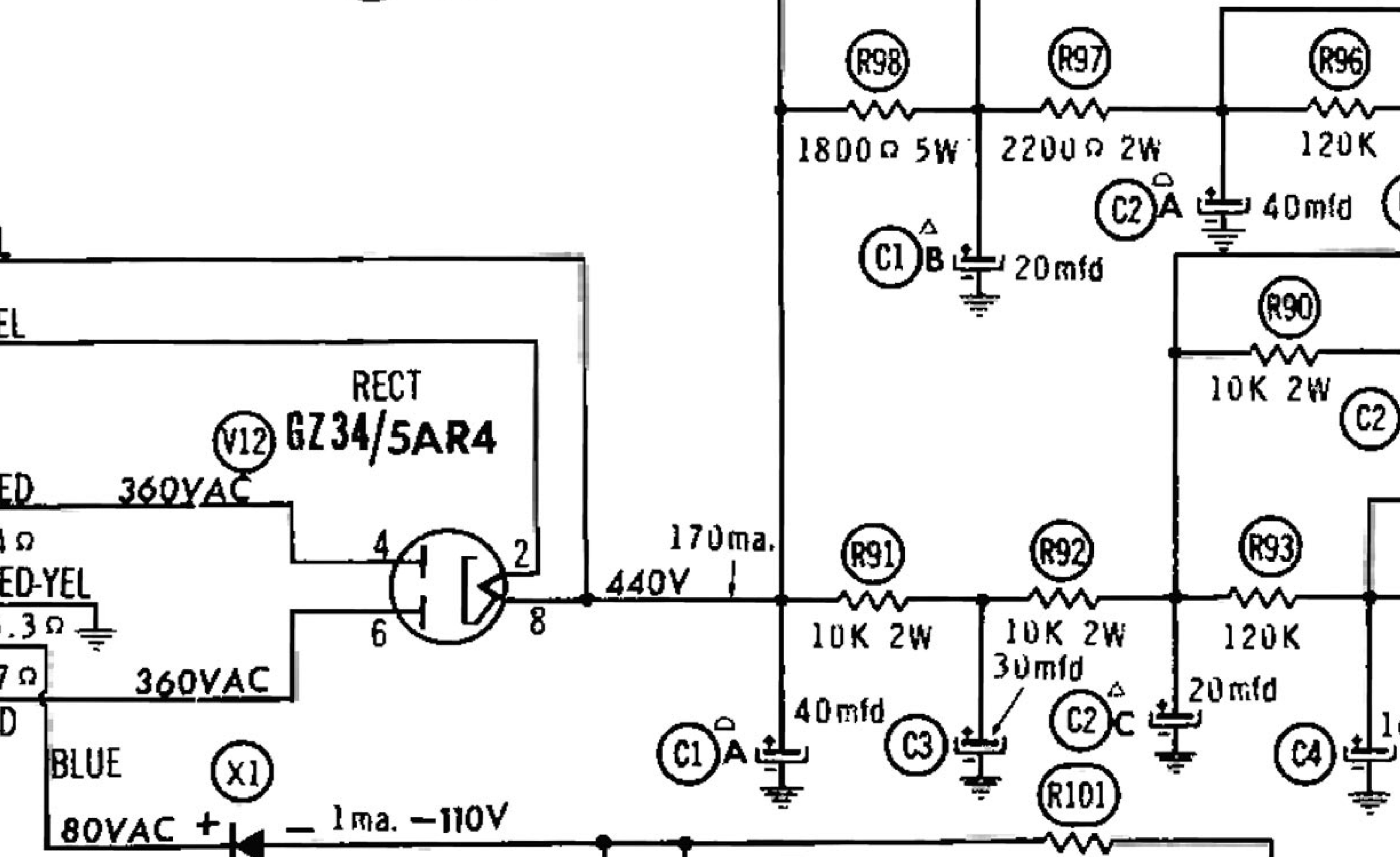
V9 B 6SN7GT

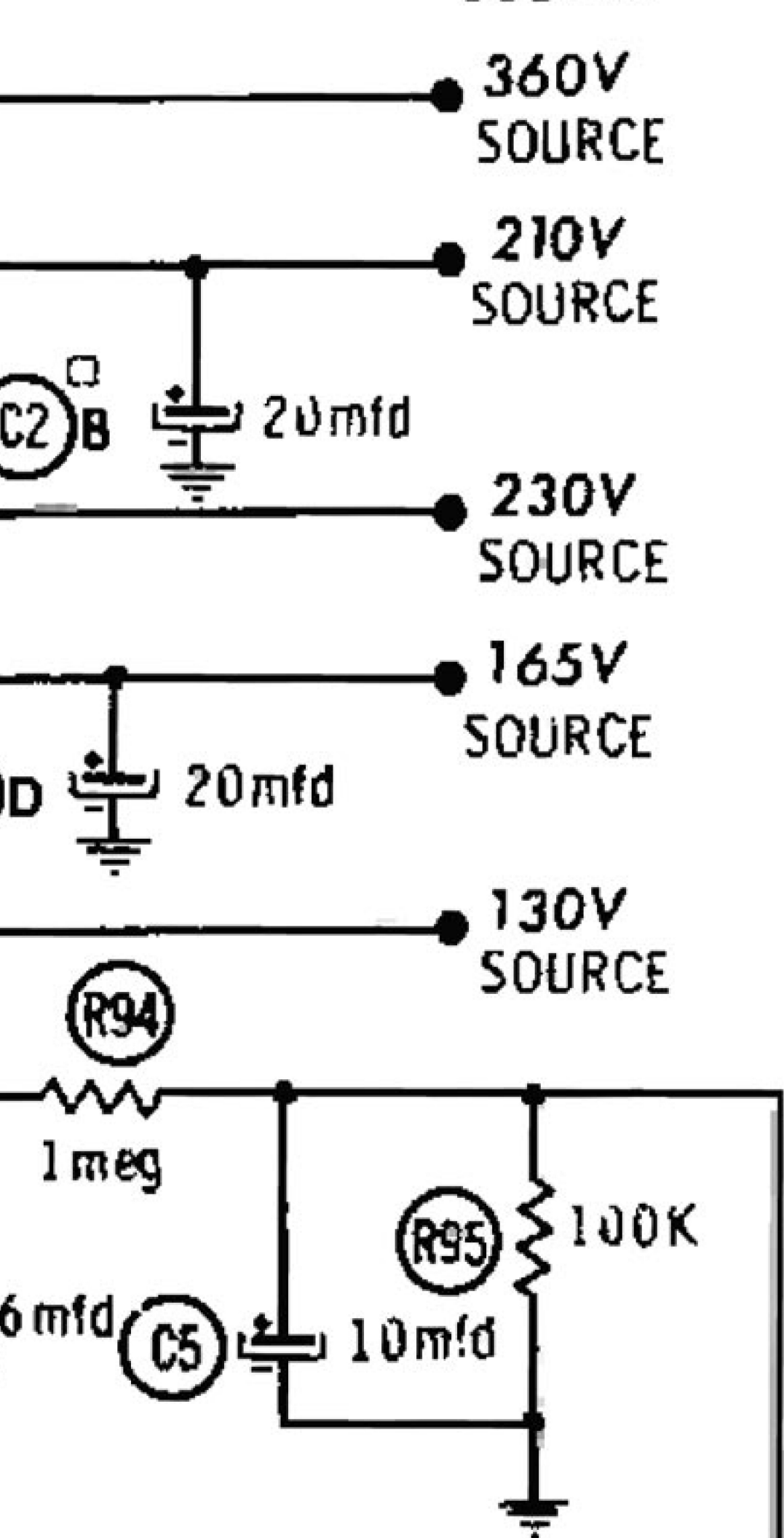


117VAC
150 WATTS



(V11) 7591





NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, TRANSFORMERS ARE TO FACILITATE CIRCUIT TROUBLESHOOTING AND COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE THE SAME AS THE UNIT.

**⊖ SEE PARTS LIST FOR ALTERNATE
VALUE OR APPLICATION**

1. DC voltage measurements taken with vacuum tube voltmeter
AC voltages measured with 1000 ohm per volt
2. Socket connections are shown as bottom views
3. Measured values are from socket pin to common
4. Line voltage maintained at 117 volts for voltage measurements
5. Nominal tolerance of component values makes for
variation of $\pm 15\%$ in voltage and resistance readings
6. All controls at minimum, proper output load

S, SOCKETS, AND
ACING OR COM-
LY BE FOUND ON

tube voltmeter;
voltmeter.

on ground.
e readings.
possible a
dings.
connected.

V12	GZ34 5AR4	NC	†	NC	24
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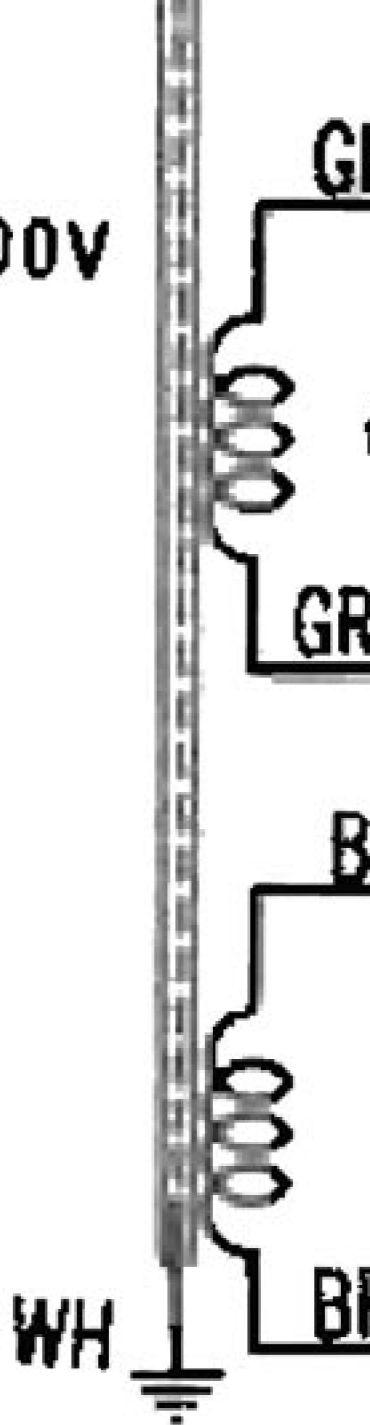
- † THIS READING WILL VARY DEPENDING UPON
ALL MEASUREMENTS MADE IN CHANNEL #1 "TAPE-A
▲ MEASURED IN "MX-AUX" POSITION.
■ MEASURED WITH "LO FILTER" ON.
† MEASURED FROM PIN 8 OF V12.

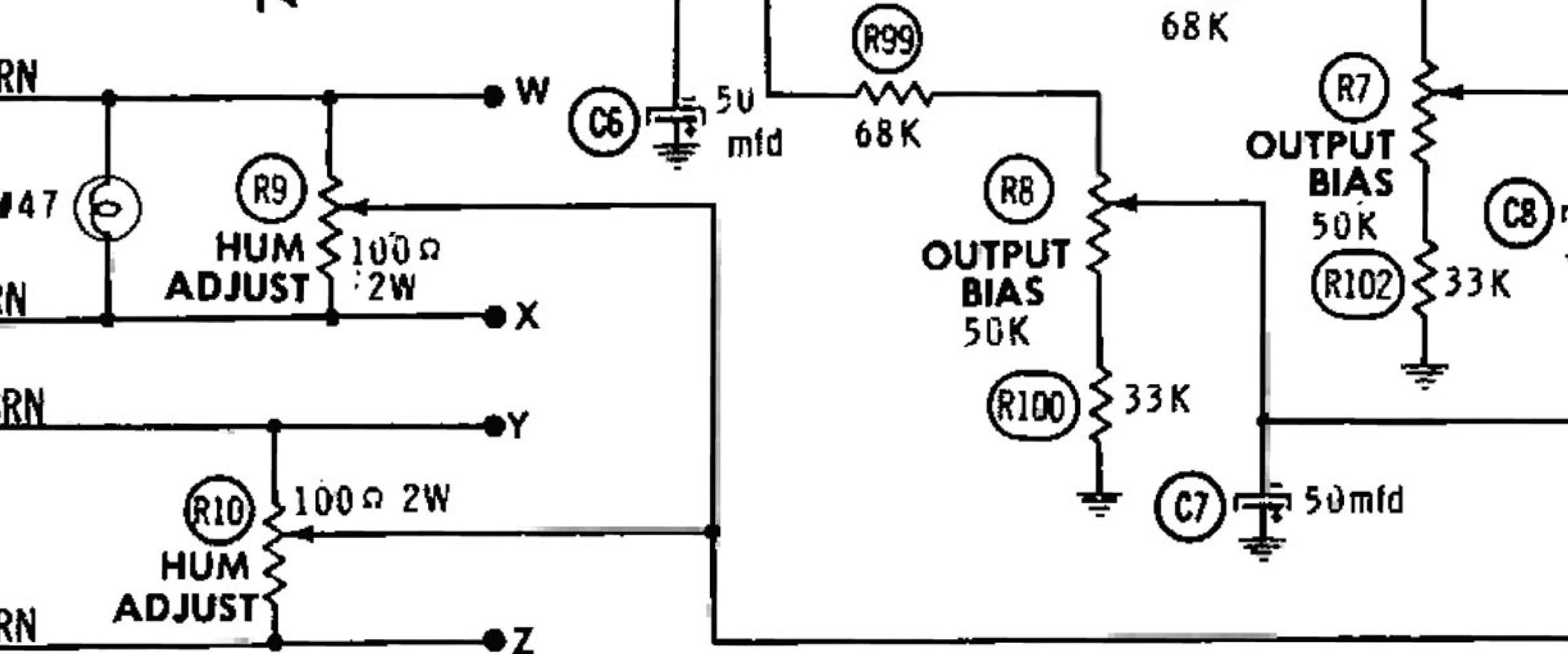
Ω	NC	33 Ω	NC	†	
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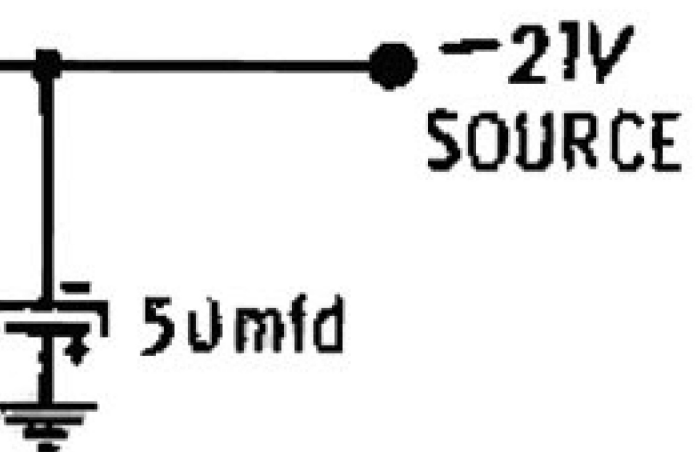
THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
 AUX" POSITION WITH ALL FILTERS OFF UNLESS OTHERWISE
 DESIGNATED.

NC NO CONNECTION TP TIE POINT

SW ON
TREBLE
CONTROL







**EICO MODEL
ST-70**