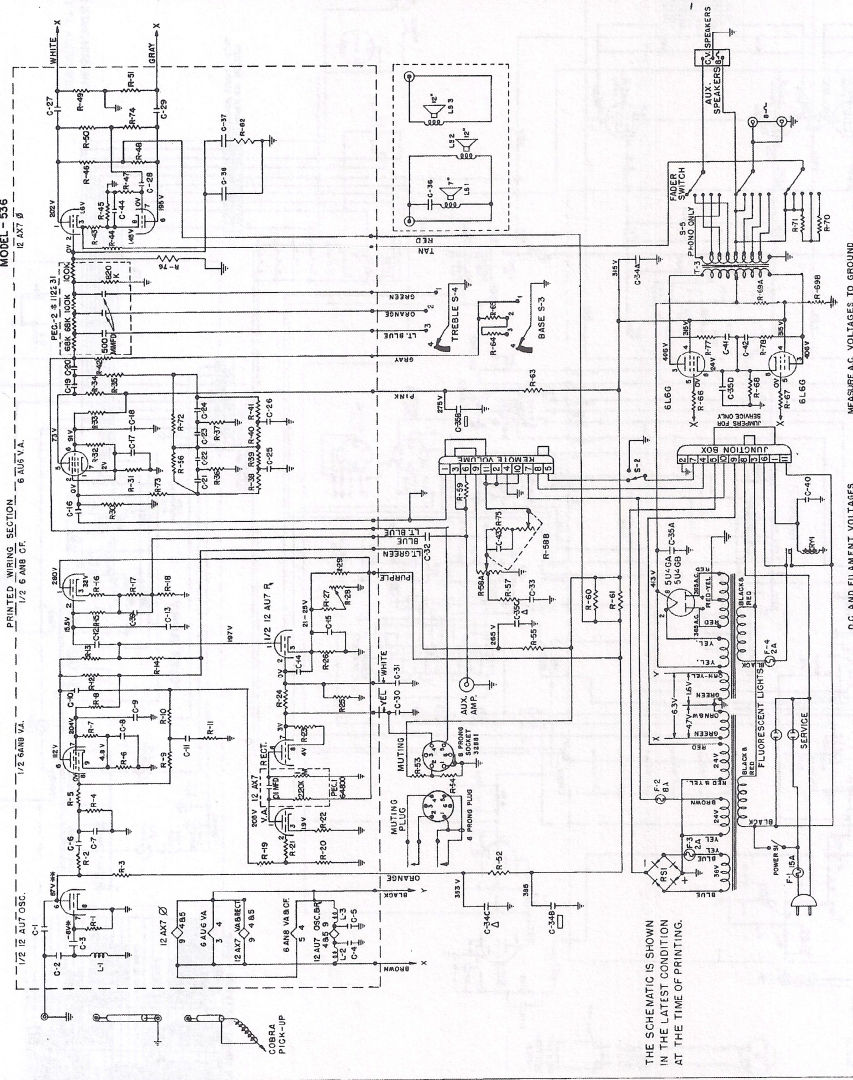


SCHEMATIC SOUND SYSTEM
MODEL-536
12.27. 8



SYMBOLS & NOTES
 θ - PHASE INVERTER
 C - CAPACITOR
 V - VARIABLE RESISTANCE
 R - RESISTOR
 * - WITH PHONO PICK-UP PLUGGED IN AND CIRCUIT OSCILLATING-AV USING A.V.T.V.M. AND EXTERNAL MESH ISOLATION USING A V.T.V.M. NO SIGNAL AT 17 VOLT LINE EXCEPT AS NOTED ABOVE.

THE SCHEMATIC IS SHOWN
IN THE LATEST CONDITION
AT THE TIME OF PRINTING.

D.C. AND FILAMENT VOLTAGES

TUBE	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220
170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	
170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	

MEASURE A.C. VOLTAGES TO GROUND

TUBE	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220
170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	
170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	

A.C. SIGNAL VOLTAGE CHART
 USE BALLANTINE V.T.V.M. OR
 HEATHKIT VOLTMETER AV-2
 APPLY 100 MILLIVOLT 1000 CYCLE
 CAPACITOR TO JUNCTION OF
 R-4, R-5, C-6, AND C-7.
 TURN VOLUME CONTROL FULL ON
 AS OUTPUT LOAD.

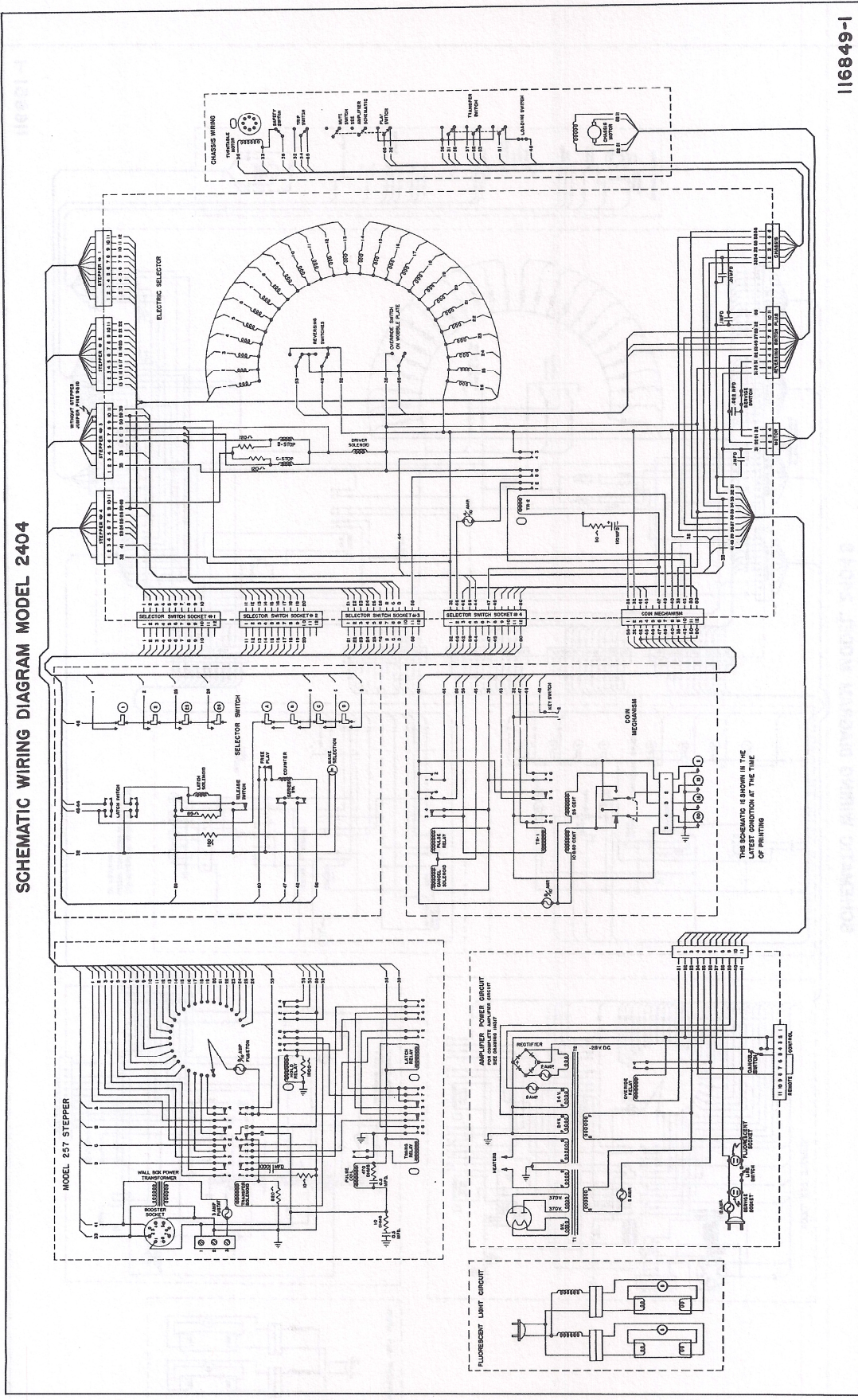
ITEM	PART NO.	VALUE	REMARKS
C-1	7027-263	51 MFD	± 5% CERAMIC
C-2	7127-12	0.1 MFD	250 V. ELECT.
C-3	7027-263	51 MFD	± 5% CERAMIC
C-4	7075	8003 MFD	CERAMIC
C-5	7127-12	0.1 MFD	250 V. ELECT.
C-6	7127-14	0.1 MFD	400 V.
C-7	7054-130	100 MAFD	CERAMIC
C-8	7127-12	0.1 MFD	250 V. ELECT.
C-9	7127-14	0.1 MFD	400 V.
C-10	7075	8003 MFD	CERAMIC
C-11	7053-230	47 MAFD	CERAMIC
C-12	7053-230	47 MAFD	CERAMIC
C-13	7053-230	47 MAFD	CERAMIC
C-14	7075	8003 MFD	CERAMIC
C-15	7088	22 MFD	100 V. ELECT.
C-16	7088	22 MFD	100 V. ELECT.
C-17	7382-51	25 MFD	25 V. ELECT.
C-18	7127-14	0.1 MFD	400 V.
C-19	7127-14	0.1 MFD	400 V.
C-20	7127-14	0.1 MFD	400 V.
C-21	7127-14	0.1 MFD	400 V.
C-22	7127-14	0.1 MFD	400 V.
C-23	7127-14	0.1 MFD	400 V.
C-24	7127-14	0.1 MFD	400 V.
C-25	7127-14	0.1 MFD	400 V.
C-26	7127-14	0.1 MFD	400 V.
C-27	7127-14	0.1 MFD	400 V.
C-28	7127-14	0.1 MFD	400 V.
C-29	7127-14	0.1 MFD	400 V.
C-30	7127-14	0.1 MFD	400 V.
C-31	7127-14	0.1 MFD	400 V.
C-32	7127-14	0.1 MFD	400 V.
C-33	7127-14	0.1 MFD	400 V.
C-34	7127-14	0.1 MFD	400 V.
C-35	7127-14	0.1 MFD	400 V.
C-36	7127-14	0.1 MFD	400 V.
C-37	7127-14	0.1 MFD	400 V.
C-38	7127-14	0.1 MFD	400 V.
C-39	7127-14	0.1 MFD	400 V.
C-40	7127-14	0.1 MFD	400 V.
C-41	7127-14	0.1 MFD	400 V.
C-42	7127-14	0.1 MFD	400 V.
C-43	7127-14	0.1 MFD	400 V.
C-44	7127-14	0.1 MFD	400 V.
C-45	7127-14	0.1 MFD	400 V.
C-46	7127-14	0.1 MFD	400 V.
C-47	7127-14	0.1 MFD	400 V.
C-48	7127-14	0.1 MFD	400 V.
C-49	7127-14	0.1 MFD	400 V.
C-50	7127-14	0.1 MFD	400 V.
C-51	7127-14	0.1 MFD	400 V.
C-52	7127-14	0.1 MFD	400 V.
C-53	7127-14	0.1 MFD	400 V.
C-54	7127-14	0.1 MFD	400 V.
C-55	7127-14	0.1 MFD	400 V.
C-56	7127-14	0.1 MFD	400 V.
C-57	7127-14	0.1 MFD	400 V.
C-58	7127-14	0.1 MFD	400 V.
C-59	7127-14	0.1 MFD	400 V.
C-60	7127-14	0.1 MFD	400 V.
C-61	7127-14	0.1 MFD	400 V.
C-62	7127-14	0.1 MFD	400 V.
C-63	7127-14	0.1 MFD	400 V.
C-64	7127-14	0.1 MFD	400 V.
C-65	7127-14	0.1 MFD	400 V.
C-66	7127-14	0.1 MFD	400 V.
C-67	7127-14	0.1 MFD	400 V.
C-68	7127-14	0.1 MFD	400 V.
C-69	7127-14	0.1 MFD	400 V.
C-70	7127-14	0.1 MFD	400 V.
C-71	7127-14	0.1 MFD	400 V.
C-72	7127-14	0.1 MFD	400 V.
C-73	7127-14	0.1 MFD	400 V.
C-74	7127-14	0.1 MFD	400 V.
C-75	7127-14	0.1 MFD	400 V.
C-76	7127-14	0.1 MFD	400 V.
C-77	7127-14	0.1 MFD	400 V.
C-78	7127-14	0.1 MFD	400 V.

114317-3

Fig. 102. 536 SOUND SYSTEM SCHEMATIC WIRING DIAGRAM

Wurlitzer

SCHEMATIC WIRING DIAGRAM MODEL 2404



116849-1

Fig. 106. MODEL 2404 WIRING DIAGRAM

2400 Series

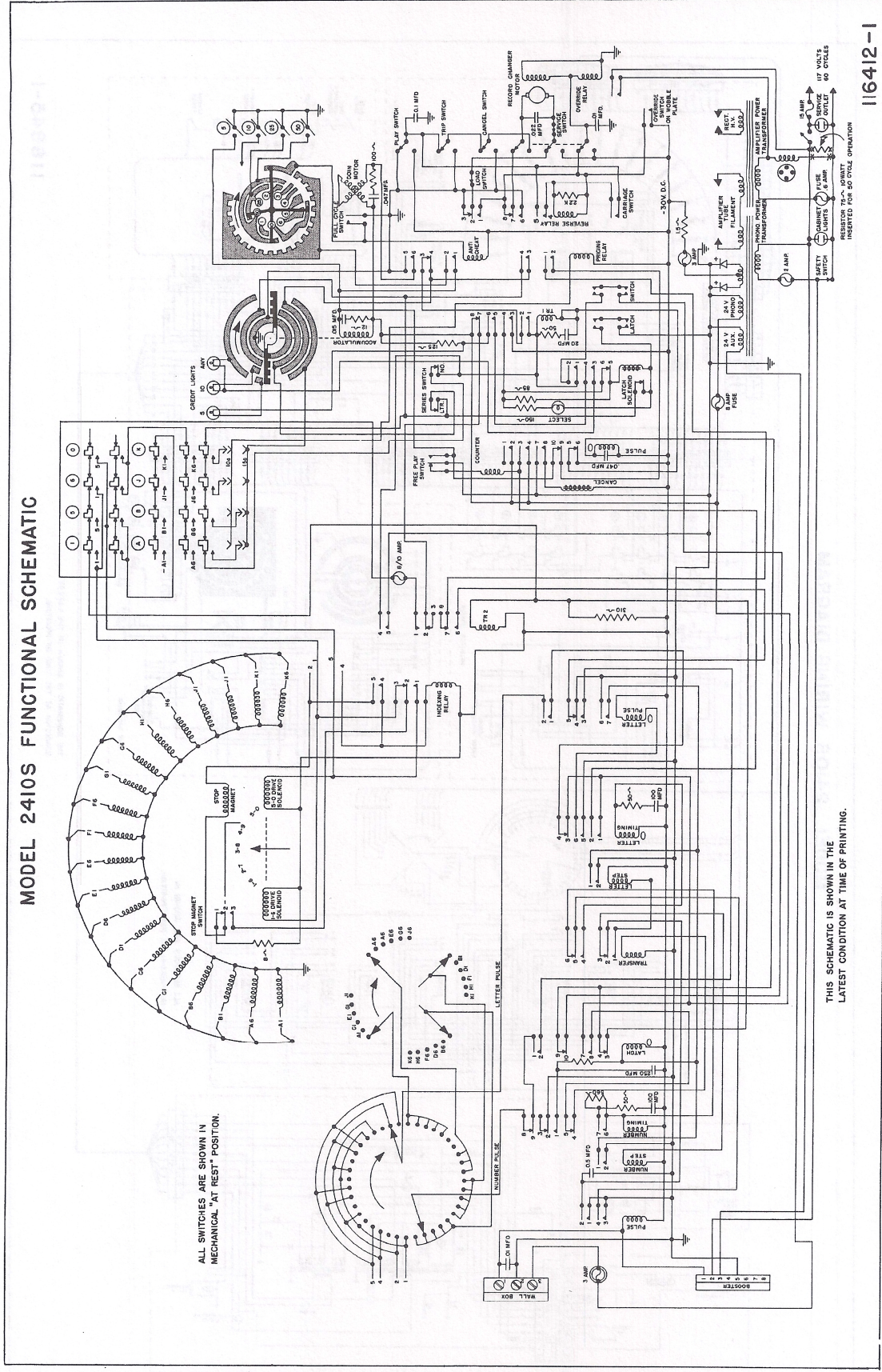
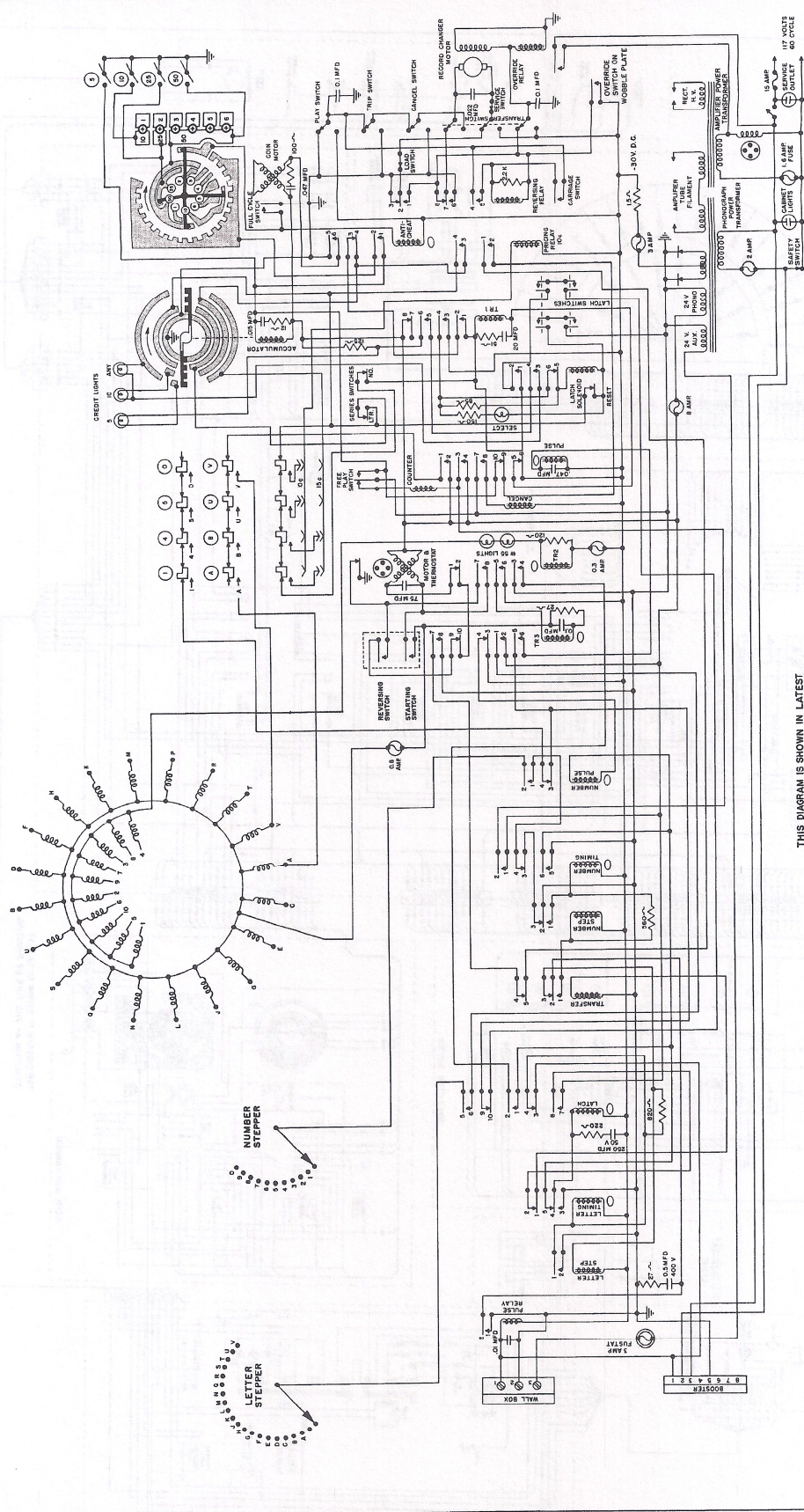


Fig. 110. MODEL 2410S FUNCTIONAL SCHEMATIC

2400 Series

Wurlitzer

MODEL 2400S FUNCTIONAL SCHEMATIC



THIS DIAGRAM IS SHOWN IN LATEST
CONDITION AT TIME OF PRINTING

116420-1

Fig. 114. MODEL 2400S FUNCTIONAL SCHEMATIC

2400 Series

Wurlitzer

MODEL 2400S WIRING DIAGRAM

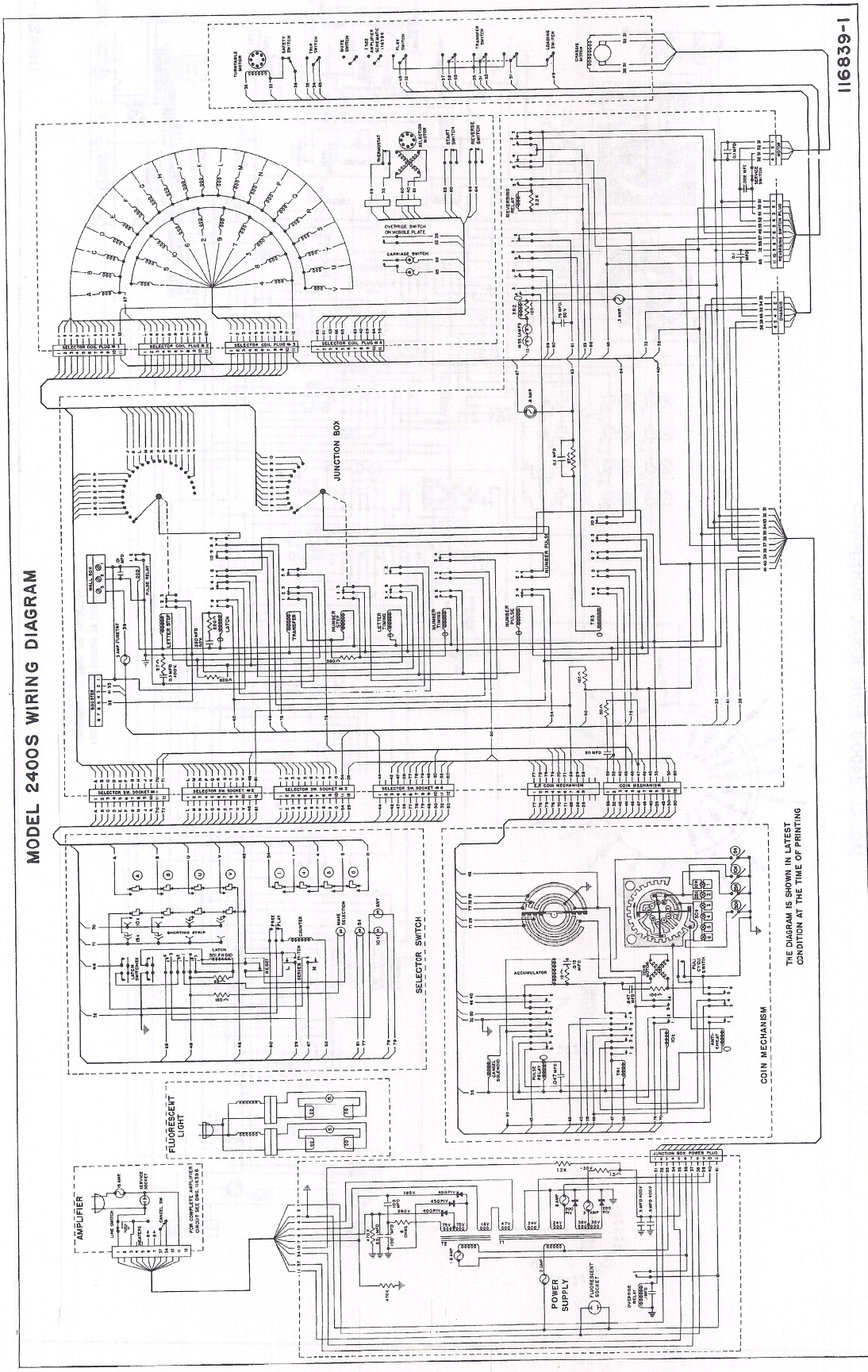
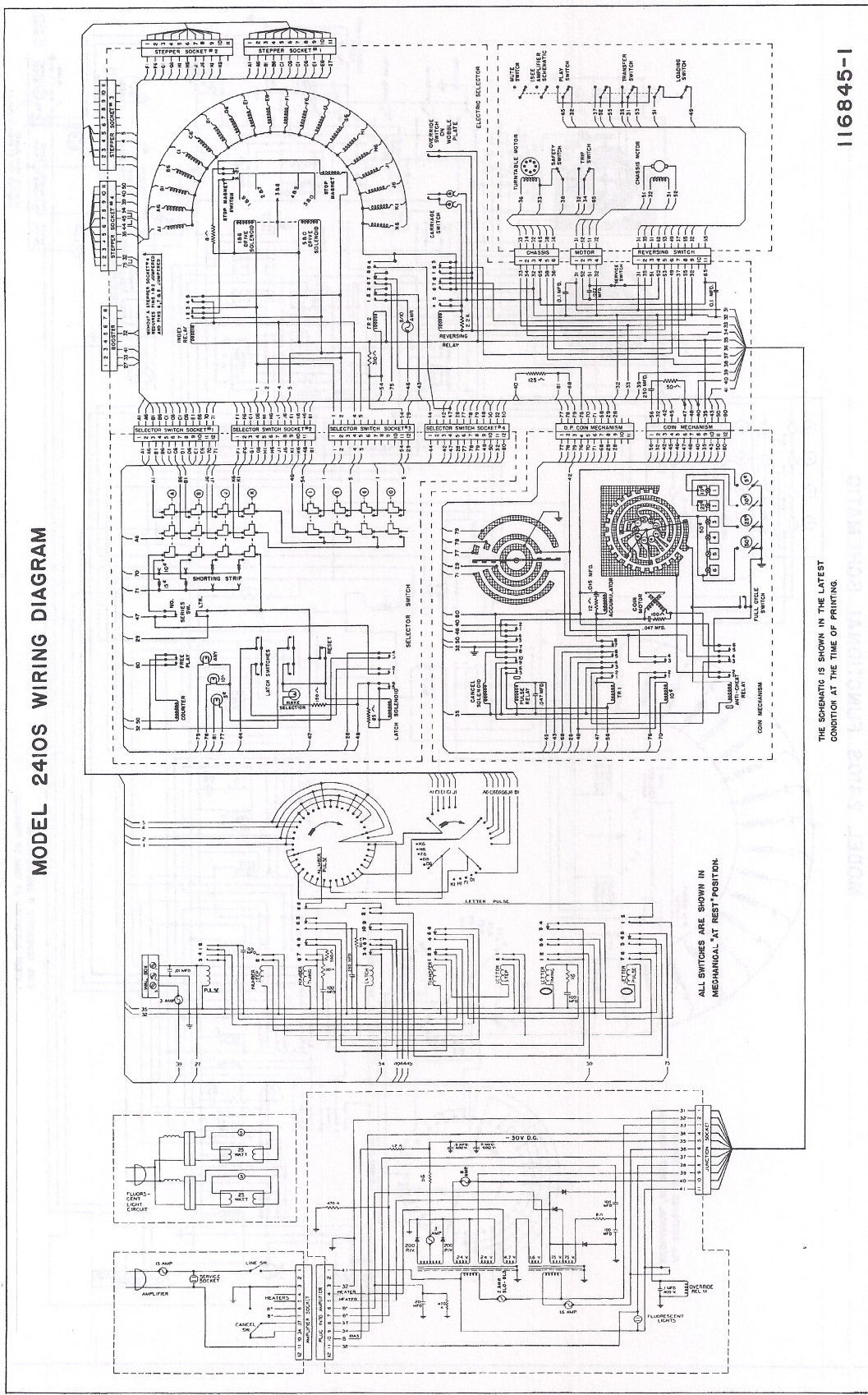


Fig. 115. MODEL 2400S WIRING DIAGRAM

2400 Series

MODEL 2410S WIRING DIAGRAM



ALL SWITCHES ARE SHOWN IN MECHANICAL "AT REST" POSITION.

THE SCHEMATIC IS SHOWN IN THE LATEST CONDITION AT THE TIME OF PRINTING.

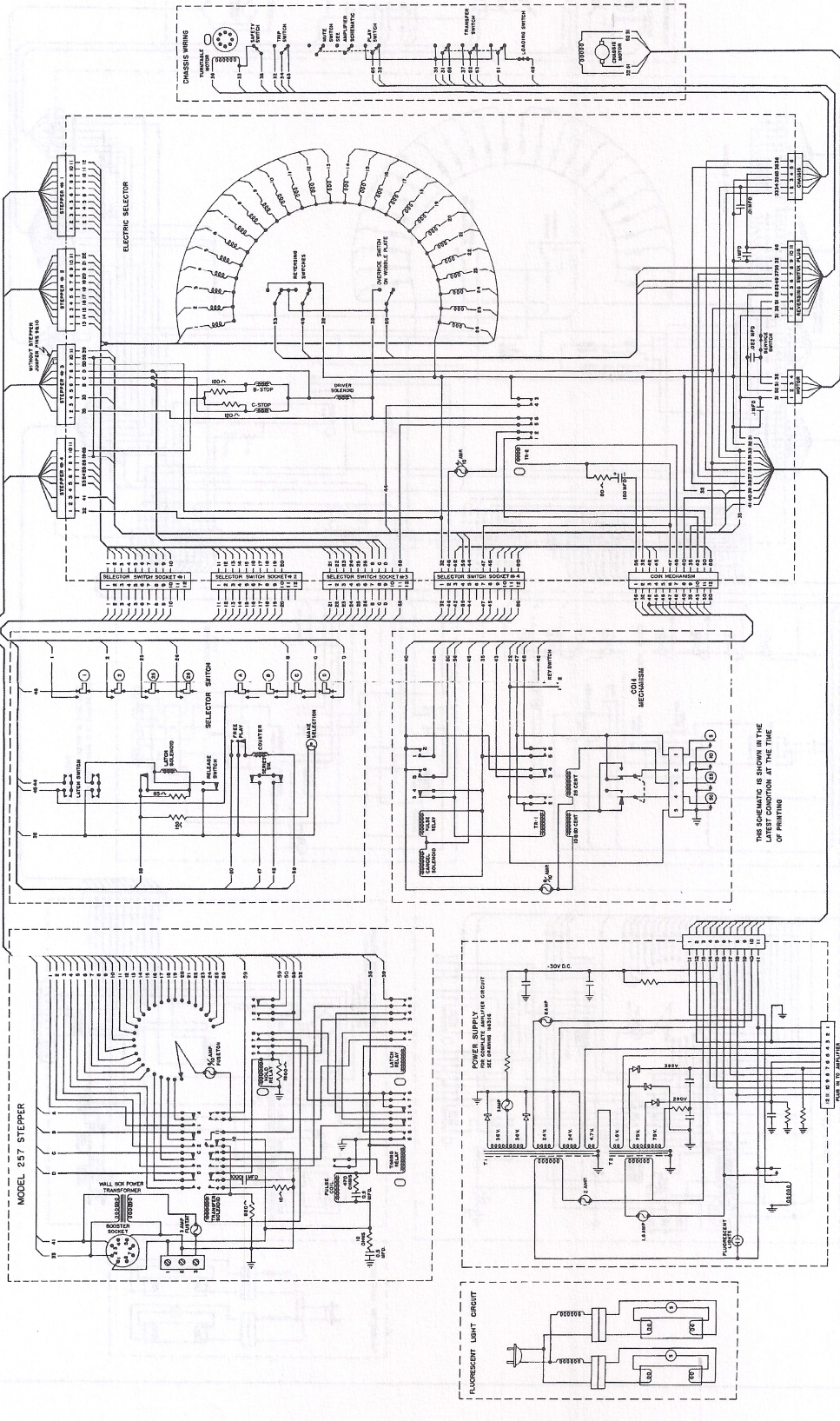
116845-1

Fig. 111. MODEL 2410S WIRING DIAGRAM

2400 Series

Wulitzer

SCHEMATIC WIRING DIAGRAM MODEL 2404S

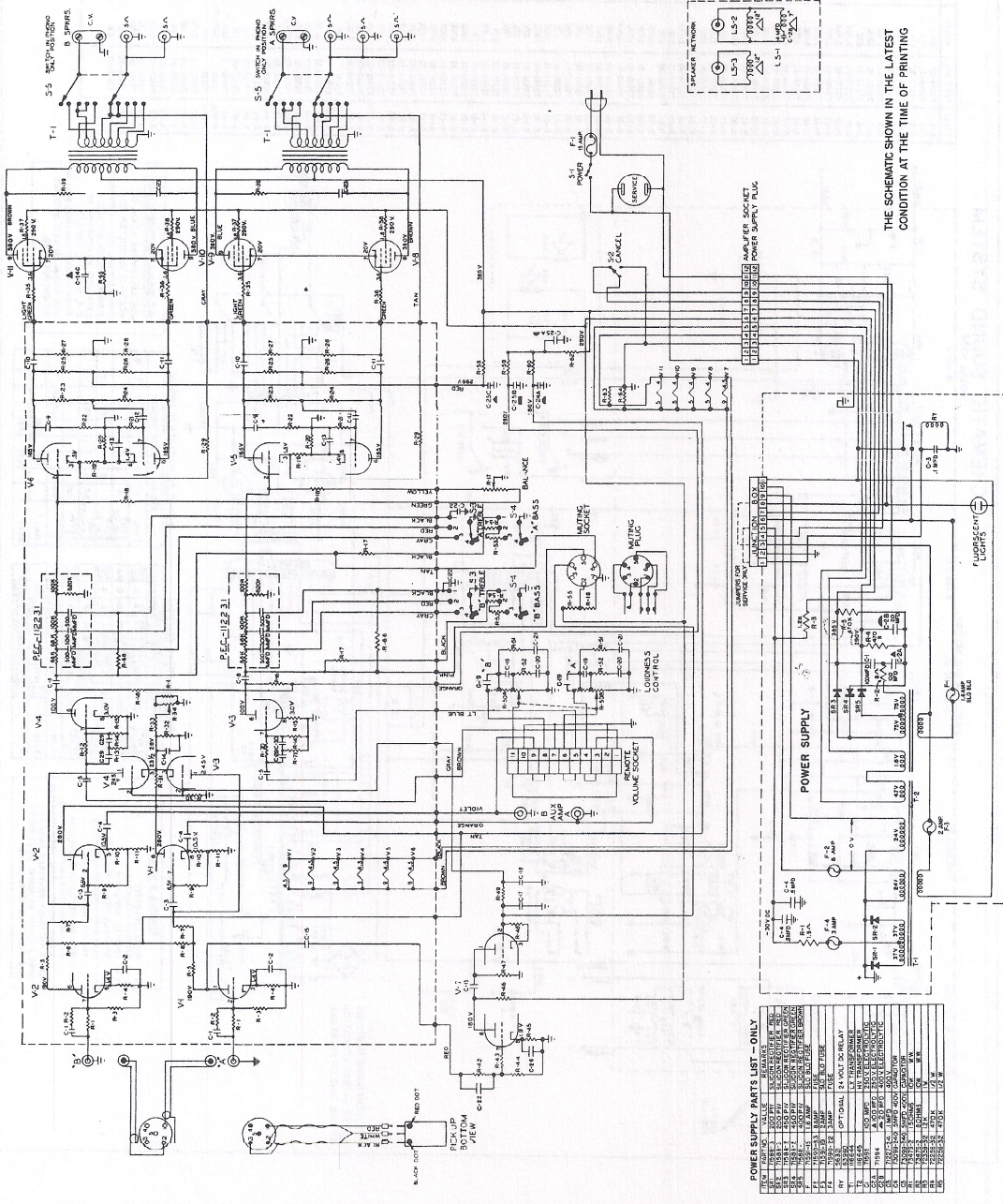


116851-1

Fig. 107. MODEL 2404S WIRING DIAGRAM
2401 Series

Wurlitzer

SCHEMATIC DIAGRAM MODEL 538 AMPLIFIER - STEREO



ITEM	PART NO.	VALUE	REMARKS
1	100K05	5000	RESISTOR
2	100K05	5000	RESISTOR
3	100K05	5000	RESISTOR
4	100K05	5000	RESISTOR
5	100K05	5000	RESISTOR
6	100K05	5000	RESISTOR
7	100K05	5000	RESISTOR
8	100K05	5000	RESISTOR
9	100K05	5000	RESISTOR
10	100K05	5000	RESISTOR
11	100K05	5000	RESISTOR
12	100K05	5000	RESISTOR
13	100K05	5000	RESISTOR
14	100K05	5000	RESISTOR
15	100K05	5000	RESISTOR
16	100K05	5000	RESISTOR
17	100K05	5000	RESISTOR
18	100K05	5000	RESISTOR
19	100K05	5000	RESISTOR
20	100K05	5000	RESISTOR
21	100K05	5000	RESISTOR
22	100K05	5000	RESISTOR
23	100K05	5000	RESISTOR
24	100K05	5000	RESISTOR
25	100K05	5000	RESISTOR
26	100K05	5000	RESISTOR
27	100K05	5000	RESISTOR
28	100K05	5000	RESISTOR
29	100K05	5000	RESISTOR
30	100K05	5000	RESISTOR
31	100K05	5000	RESISTOR
32	100K05	5000	RESISTOR
33	100K05	5000	RESISTOR
34	100K05	5000	RESISTOR
35	100K05	5000	RESISTOR
36	100K05	5000	RESISTOR
37	100K05	5000	RESISTOR
38	100K05	5000	RESISTOR
39	100K05	5000	RESISTOR
40	100K05	5000	RESISTOR

AC SIGNAL CHART

USE BALANCE AC-VI OR PHONO VOLTMETER AV-2
 VOLUME CONTROL. BALANCE THESE CONTROLS FULL CLOSURE
 OUTPUT LOAD FOR EACH CHANNEL. USE 50 W RESISTOR AS

TUBE	FUNCTION	1	2	3	4	5	6	7	8	9
V1	6AV6	1	1	1	1	1	1	1	1	1
V2	6AR5	1	1	1	1	1	1	1	1	1
V3	6AR5	1	1	1	1	1	1	1	1	1
V4	6AR5	1	1	1	1	1	1	1	1	1
V5	6AR5	1	1	1	1	1	1	1	1	1
V6	6AR5	1	1	1	1	1	1	1	1	1
V7	6AR5	1	1	1	1	1	1	1	1	1
V8	6AR5	1	1	1	1	1	1	1	1	1

116396-4

Fig. 103. 538 SOUND SYSTEM SCHEMATIC WIRING DIAGRAM
 2400 Series