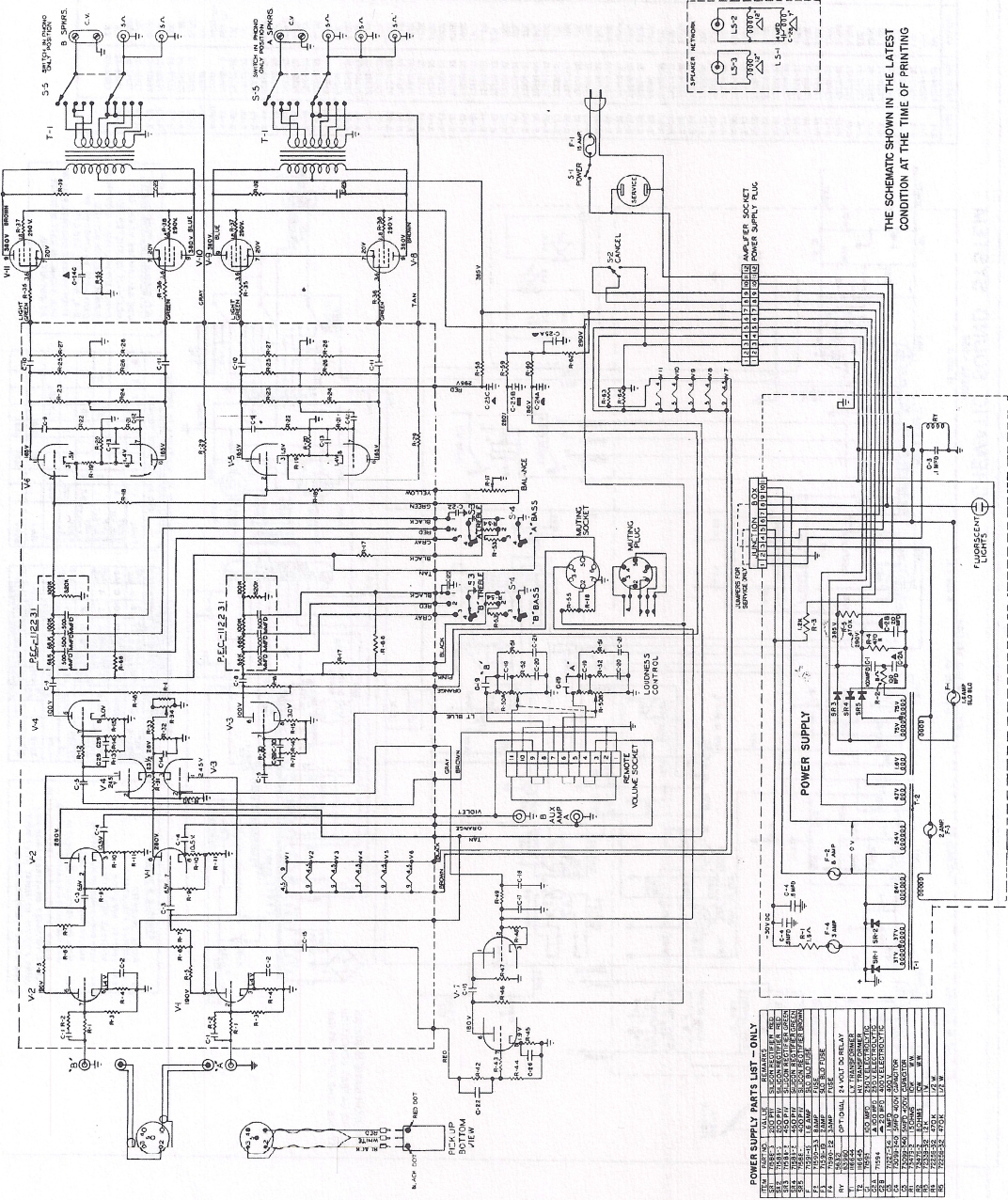


SCHEMATIC DIAGRAM MODEL 538 AMPLIFIER - STEREO



POWER SUPPLY PARTS LIST - ONLY

ITEM NO.	PART NO.	VALUE	REMARKS
1	538-100	1000μF	50V ELECTROLYTIC CAPACITOR
2	538-101	1000μF	50V ELECTROLYTIC CAPACITOR
3	538-102	1000μF	50V ELECTROLYTIC CAPACITOR
4	538-103	1000μF	50V ELECTROLYTIC CAPACITOR
5	538-104	1000μF	50V ELECTROLYTIC CAPACITOR
6	538-105	1000μF	50V ELECTROLYTIC CAPACITOR
7	538-106	1000μF	50V ELECTROLYTIC CAPACITOR
8	538-107	1000μF	50V ELECTROLYTIC CAPACITOR
9	538-108	1000μF	50V ELECTROLYTIC CAPACITOR
10	538-109	1000μF	50V ELECTROLYTIC CAPACITOR
11	538-110	1000μF	50V ELECTROLYTIC CAPACITOR
12	538-111	1000μF	50V ELECTROLYTIC CAPACITOR
13	538-112	1000μF	50V ELECTROLYTIC CAPACITOR
14	538-113	1000μF	50V ELECTROLYTIC CAPACITOR
15	538-114	1000μF	50V ELECTROLYTIC CAPACITOR
16	538-115	1000μF	50V ELECTROLYTIC CAPACITOR
17	538-116	1000μF	50V ELECTROLYTIC CAPACITOR
18	538-117	1000μF	50V ELECTROLYTIC CAPACITOR
19	538-118	1000μF	50V ELECTROLYTIC CAPACITOR
20	538-119	1000μF	50V ELECTROLYTIC CAPACITOR
21	538-120	1000μF	50V ELECTROLYTIC CAPACITOR
22	538-121	1000μF	50V ELECTROLYTIC CAPACITOR
23	538-122	1000μF	50V ELECTROLYTIC CAPACITOR
24	538-123	1000μF	50V ELECTROLYTIC CAPACITOR
25	538-124	1000μF	50V ELECTROLYTIC CAPACITOR
26	538-125	1000μF	50V ELECTROLYTIC CAPACITOR
27	538-126	1000μF	50V ELECTROLYTIC CAPACITOR
28	538-127	1000μF	50V ELECTROLYTIC CAPACITOR
29	538-128	1000μF	50V ELECTROLYTIC CAPACITOR
30	538-129	1000μF	50V ELECTROLYTIC CAPACITOR
31	538-130	1000μF	50V ELECTROLYTIC CAPACITOR
32	538-131	1000μF	50V ELECTROLYTIC CAPACITOR
33	538-132	1000μF	50V ELECTROLYTIC CAPACITOR
34	538-133	1000μF	50V ELECTROLYTIC CAPACITOR
35	538-134	1000μF	50V ELECTROLYTIC CAPACITOR
36	538-135	1000μF	50V ELECTROLYTIC CAPACITOR
37	538-136	1000μF	50V ELECTROLYTIC CAPACITOR
38	538-137	1000μF	50V ELECTROLYTIC CAPACITOR
39	538-138	1000μF	50V ELECTROLYTIC CAPACITOR
40	538-139	1000μF	50V ELECTROLYTIC CAPACITOR
41	538-140	1000μF	50V ELECTROLYTIC CAPACITOR
42	538-141	1000μF	50V ELECTROLYTIC CAPACITOR
43	538-142	1000μF	50V ELECTROLYTIC CAPACITOR
44	538-143	1000μF	50V ELECTROLYTIC CAPACITOR
45	538-144	1000μF	50V ELECTROLYTIC CAPACITOR
46	538-145	1000μF	50V ELECTROLYTIC CAPACITOR
47	538-146	1000μF	50V ELECTROLYTIC CAPACITOR
48	538-147	1000μF	50V ELECTROLYTIC CAPACITOR
49	538-148	1000μF	50V ELECTROLYTIC CAPACITOR
50	538-149	1000μF	50V ELECTROLYTIC CAPACITOR
51	538-150	1000μF	50V ELECTROLYTIC CAPACITOR
52	538-151	1000μF	50V ELECTROLYTIC CAPACITOR
53	538-152	1000μF	50V ELECTROLYTIC CAPACITOR
54	538-153	1000μF	50V ELECTROLYTIC CAPACITOR
55	538-154	1000μF	50V ELECTROLYTIC CAPACITOR
56	538-155	1000μF	50V ELECTROLYTIC CAPACITOR
57	538-156	1000μF	50V ELECTROLYTIC CAPACITOR
58	538-157	1000μF	50V ELECTROLYTIC CAPACITOR
59	538-158	1000μF	50V ELECTROLYTIC CAPACITOR
60	538-159	1000μF	50V ELECTROLYTIC CAPACITOR
61	538-160	1000μF	50V ELECTROLYTIC CAPACITOR
62	538-161	1000μF	50V ELECTROLYTIC CAPACITOR
63	538-162	1000μF	50V ELECTROLYTIC CAPACITOR
64	538-163	1000μF	50V ELECTROLYTIC CAPACITOR
65	538-164	1000μF	50V ELECTROLYTIC CAPACITOR
66	538-165	1000μF	50V ELECTROLYTIC CAPACITOR
67	538-166	1000μF	50V ELECTROLYTIC CAPACITOR
68	538-167	1000μF	50V ELECTROLYTIC CAPACITOR
69	538-168	1000μF	50V ELECTROLYTIC CAPACITOR
70	538-169	1000μF	50V ELECTROLYTIC CAPACITOR
71	538-170	1000μF	50V ELECTROLYTIC CAPACITOR
72	538-171	1000μF	50V ELECTROLYTIC CAPACITOR
73	538-172	1000μF	50V ELECTROLYTIC CAPACITOR
74	538-173	1000μF	50V ELECTROLYTIC CAPACITOR
75	538-174	1000μF	50V ELECTROLYTIC CAPACITOR
76	538-175	1000μF	50V ELECTROLYTIC CAPACITOR
77	538-176	1000μF	50V ELECTROLYTIC CAPACITOR
78	538-177	1000μF	50V ELECTROLYTIC CAPACITOR
79	538-178	1000μF	50V ELECTROLYTIC CAPACITOR
80	538-179	1000μF	50V ELECTROLYTIC CAPACITOR
81	538-180	1000μF	50V ELECTROLYTIC CAPACITOR
82	538-181	1000μF	50V ELECTROLYTIC CAPACITOR
83	538-182	1000μF	50V ELECTROLYTIC CAPACITOR
84	538-183	1000μF	50V ELECTROLYTIC CAPACITOR
85	538-184	1000μF	50V ELECTROLYTIC CAPACITOR
86	538-185	1000μF	50V ELECTROLYTIC CAPACITOR
87	538-186	1000μF	50V ELECTROLYTIC CAPACITOR
88	538-187	1000μF	50V ELECTROLYTIC CAPACITOR
89	538-188	1000μF	50V ELECTROLYTIC CAPACITOR
90	538-189	1000μF	50V ELECTROLYTIC CAPACITOR
91	538-190	1000μF	50V ELECTROLYTIC CAPACITOR
92	538-191	1000μF	50V ELECTROLYTIC CAPACITOR
93	538-192	1000μF	50V ELECTROLYTIC CAPACITOR
94	538-193	1000μF	50V ELECTROLYTIC CAPACITOR
95	538-194	1000μF	50V ELECTROLYTIC CAPACITOR
96	538-195	1000μF	50V ELECTROLYTIC CAPACITOR
97	538-196	1000μF	50V ELECTROLYTIC CAPACITOR
98	538-197	1000μF	50V ELECTROLYTIC CAPACITOR
99	538-198	1000μF	50V ELECTROLYTIC CAPACITOR
100	538-199	1000μF	50V ELECTROLYTIC CAPACITOR
101	538-200	1000μF	50V ELECTROLYTIC CAPACITOR

A.C. SIGNAL CHART

USE BALANCE AC-VOLTMETER OR HEARTH VOLT-METER. A-2, B VOLUME CONTROL, BASS & TREBLE CONTROLS FULL COUNTER-EMF OUTPUT LOAD FOR EACH CHANNEL.

TUBE	FUNCTION	1	2	3	4	5	6	7	8	9
V1	7025	VA-CF	35	5004				107	1	
V2	6X4	12 AX7	8	VA-0	07	1	1	1		
V3	6X4	12 AX7	8	VA-0	07	1	1	1		
V4	6X4	12 AX7	8	VA-0	07	1	1	1		
V5	6X4	12 AX7	8	VA-0	07	1	1	1		
V6	6X4	12 AX7	8	VA-0	07	1	1	1		
V7	6X4	12 AX7	8	VA-0	07	1	1	1		
V8	6X4	12 AX7	8	VA-0	07	1	1	1		
V9	6X4	12 AX7	8	VA-0	07	1	1	1		
V10	6X4	12 AX7	8	VA-0	07	1	1	1		
V11	6X4	12 AX7	8	VA-0	07	1	1	1		

AC VOLTAGES MEASURED FROM GROUND
LINE VOLTAGE 117V
* MEASURED WITH VT1M

116396-4

Fig. 103. 538 SOUND SYSTEM SCHEMATIC WIRING DIAGRAM

2400 Series

Wurlitzer