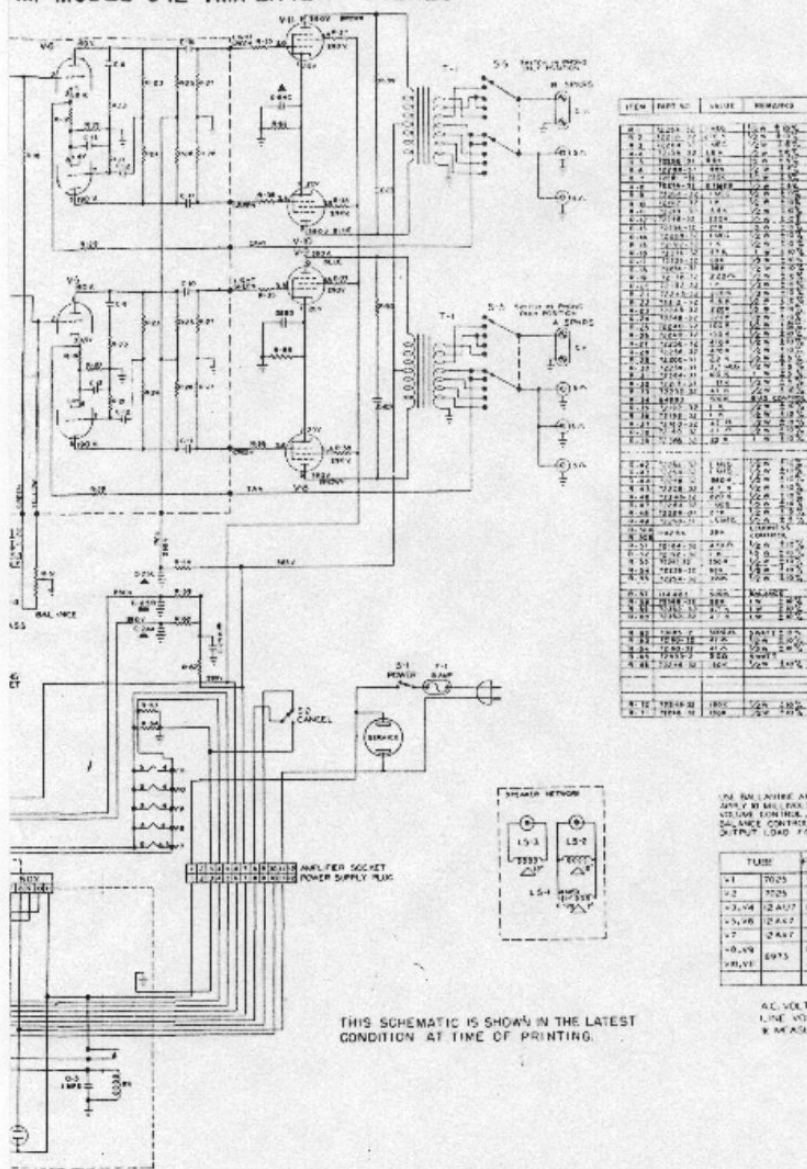


AM MODEL 542 AMPLIFIER - STEREO



ITEM	PART NO.	VALUE	REMARKS
1	12429-22	100 Ω	2% 1/2 W
2	12429-12	100 Ω	2% 1/2 W
3	12429-13	100 Ω	2% 1/2 W
4	12429-14	100 Ω	2% 1/2 W
5	12429-15	100 Ω	2% 1/2 W
6	12429-16	100 Ω	2% 1/2 W
7	12429-17	100 Ω	2% 1/2 W
8	12429-18	100 Ω	2% 1/2 W
9	12429-19	100 Ω	2% 1/2 W
10	12429-20	100 Ω	2% 1/2 W
11	12429-21	100 Ω	2% 1/2 W
12	12429-22	100 Ω	2% 1/2 W
13	12429-23	100 Ω	2% 1/2 W
14	12429-24	100 Ω	2% 1/2 W
15	12429-25	100 Ω	2% 1/2 W
16	12429-26	100 Ω	2% 1/2 W
17	12429-27	100 Ω	2% 1/2 W
18	12429-28	100 Ω	2% 1/2 W
19	12429-29	100 Ω	2% 1/2 W
20	12429-30	100 Ω	2% 1/2 W
21	12429-31	100 Ω	2% 1/2 W
22	12429-32	100 Ω	2% 1/2 W
23	12429-33	100 Ω	2% 1/2 W
24	12429-34	100 Ω	2% 1/2 W
25	12429-35	100 Ω	2% 1/2 W
26	12429-36	100 Ω	2% 1/2 W
27	12429-37	100 Ω	2% 1/2 W
28	12429-38	100 Ω	2% 1/2 W
29	12429-39	100 Ω	2% 1/2 W
30	12429-40	100 Ω	2% 1/2 W
31	12429-41	100 Ω	2% 1/2 W
32	12429-42	100 Ω	2% 1/2 W
33	12429-43	100 Ω	2% 1/2 W
34	12429-44	100 Ω	2% 1/2 W
35	12429-45	100 Ω	2% 1/2 W
36	12429-46	100 Ω	2% 1/2 W
37	12429-47	100 Ω	2% 1/2 W
38	12429-48	100 Ω	2% 1/2 W
39	12429-49	100 Ω	2% 1/2 W
40	12429-50	100 Ω	2% 1/2 W
41	12429-51	100 Ω	2% 1/2 W
42	12429-52	100 Ω	2% 1/2 W
43	12429-53	100 Ω	2% 1/2 W
44	12429-54	100 Ω	2% 1/2 W
45	12429-55	100 Ω	2% 1/2 W
46	12429-56	100 Ω	2% 1/2 W
47	12429-57	100 Ω	2% 1/2 W
48	12429-58	100 Ω	2% 1/2 W
49	12429-59	100 Ω	2% 1/2 W
50	12429-60	100 Ω	2% 1/2 W
51	12429-61	100 Ω	2% 1/2 W
52	12429-62	100 Ω	2% 1/2 W
53	12429-63	100 Ω	2% 1/2 W
54	12429-64	100 Ω	2% 1/2 W
55	12429-65	100 Ω	2% 1/2 W
56	12429-66	100 Ω	2% 1/2 W
57	12429-67	100 Ω	2% 1/2 W
58	12429-68	100 Ω	2% 1/2 W
59	12429-69	100 Ω	2% 1/2 W
60	12429-70	100 Ω	2% 1/2 W
61	12429-71	100 Ω	2% 1/2 W
62	12429-72	100 Ω	2% 1/2 W
63	12429-73	100 Ω	2% 1/2 W
64	12429-74	100 Ω	2% 1/2 W
65	12429-75	100 Ω	2% 1/2 W
66	12429-76	100 Ω	2% 1/2 W
67	12429-77	100 Ω	2% 1/2 W
68	12429-78	100 Ω	2% 1/2 W
69	12429-79	100 Ω	2% 1/2 W
70	12429-80	100 Ω	2% 1/2 W
71	12429-81	100 Ω	2% 1/2 W
72	12429-82	100 Ω	2% 1/2 W
73	12429-83	100 Ω	2% 1/2 W
74	12429-84	100 Ω	2% 1/2 W
75	12429-85	100 Ω	2% 1/2 W
76	12429-86	100 Ω	2% 1/2 W
77	12429-87	100 Ω	2% 1/2 W
78	12429-88	100 Ω	2% 1/2 W
79	12429-89	100 Ω	2% 1/2 W
80	12429-90	100 Ω	2% 1/2 W
81	12429-91	100 Ω	2% 1/2 W
82	12429-92	100 Ω	2% 1/2 W
83	12429-93	100 Ω	2% 1/2 W
84	12429-94	100 Ω	2% 1/2 W
85	12429-95	100 Ω	2% 1/2 W
86	12429-96	100 Ω	2% 1/2 W
87	12429-97	100 Ω	2% 1/2 W
88	12429-98	100 Ω	2% 1/2 W
89	12429-99	100 Ω	2% 1/2 W
90	12429-100	100 Ω	2% 1/2 W

A.C. SIGNAL CHART

ON BALANCE ALL VOLTAGE MEASUREMENTS MUST BE MADE AT 600 CYCLES PER SECOND. BALANCE ADJUSTMENT MUST BE MADE AT EACH MEASUREMENT. BALANCE CONTROL MUST BE USED TO OBTAIN BEST SIGNAL LOAD FOR EACH CHANNEL.

TUBE	FUNCTION	1	2	3	4	5	6	7	8	9
1	6X4	100	200	15	100	20	15	20	15	20
2	6X4	100	200	15	100	20	15	20	15	20
3,4	6X4	100	200	15	100	20	15	20	15	20
5,6	6X4	100	200	15	100	20	15	20	15	20
7,8	6X4	100	200	15	100	20	15	20	15	20
9,10	6X4	100	200	15	100	20	15	20	15	20
11	POWER AMP	100	200	15	100	20	15	20	15	20

ound System Schematic Wiring Diagram

118771-2