



- NOTES:
1. ALL CAPACITIES IN MICROFARADS, & RATED 500 V UNLESS OTHERWISE SPECIFIED.
 2. FOR 30 & 50 OHMS MICROPHONE, SEE INSTALLATION
 3. ALL VOLTAGES MEASURED WITH 20,000 OHMS PER VOLT METER WITH 117VAC LINE VOLTAGE. ALL READINGS EXCEPT V409 AMPLIFIER VOLTAGES TAKEN WITH K401 DE-ENERGIZED.
 4. ALL RESISTORS IN OHMS $\pm 10\%$, & RATED 1/2 WATT UNLESS OTHERWISE SPECIFIED.

ELECTRONIC ASSEMBLY
CAT. NO.7636 WITH BIAS BUFFER AMPLIFIER
 AMPEX CORPORATION
 REDWOOD CITY, CALIFORNIA

5. T402 TRANSFORMER IMPEDANCE CONNECTIONS-
 R450 MUST BE ADJUSTED FOR OUTPUT IMPEDANCE-
 500 TO 600 OHMS CONNECT TO 1 & 6, JOIN 3 TO 4
 333 OHMS CONNECT TO 1 & 5, JOIN 3 TO 4
 200 TO 250 OHMS CONNECT TO 2 & 5, JOIN 3 TO 4
 125 TO 150 OHMS CONNECT TO 1 & 4, JOIN 1 TO 3 & 4 TO 6
 50 OHMS CONNECT TO 2 & 4, JOIN 2 TO 3 & 4 TO 5
6. ○ FRONT PANEL CONTROL; ⊗ SCREWDRIVER ADJUSTMENT

REDUCE TO 6 1/2"

FIG. 1A

REV. 1	1-7-55	1
REV. 2	1-7-55	1
REV. 3	1-7-55	1
REV. 4	1-7-55	1
REV. 5	1-7-55	1
REV. 6	1-7-55	1
REV. 7	1-7-55	1
REV. 8	1-7-55	1
REV. 9	1-7-55	1
REV. 10	1-7-55	1
REV. 11	1-7-55	1
REV. 12	1-7-55	1
REV. 13	1-7-55	1
REV. 14	1-7-55	1
REV. 15	1-7-55	1
REV. 16	1-7-55	1
REV. 17	1-7-55	1
REV. 18	1-7-55	1
REV. 19	1-7-55	1
REV. 20	1-7-55	1
REV. 21	1-7-55	1
REV. 22	1-7-55	1
REV. 23	1-7-55	1
REV. 24	1-7-55	1
REV. 25	1-7-55	1
REV. 26	1-7-55	1
REV. 27	1-7-55	1
REV. 28	1-7-55	1
REV. 29	1-7-55	1
REV. 30	1-7-55	1
REV. 31	1-7-55	1
REV. 32	1-7-55	1
REV. 33	1-7-55	1
REV. 34	1-7-55	1
REV. 35	1-7-55	1
REV. 36	1-7-55	1
REV. 37	1-7-55	1
REV. 38	1-7-55	1
REV. 39	1-7-55	1
REV. 40	1-7-55	1
REV. 41	1-7-55	1
REV. 42	1-7-55	1
REV. 43	1-7-55	1
REV. 44	1-7-55	1
REV. 45	1-7-55	1
REV. 46	1-7-55	1
REV. 47	1-7-55	1
REV. 48	1-7-55	1
REV. 49	1-7-55	1
REV. 50	1-7-55	1
REV. 51	1-7-55	1
REV. 52	1-7-55	1
REV. 53	1-7-55	1
REV. 54	1-7-55	1
REV. 55	1-7-55	1
REV. 56	1-7-55	1
REV. 57	1-7-55	1
REV. 58	1-7-55	1
REV. 59	1-7-55	1
REV. 60	1-7-55	1
REV. 61	1-7-55	1
REV. 62	1-7-55	1
REV. 63	1-7-55	1
REV. 64	1-7-55	1
REV. 65	1-7-55	1
REV. 66	1-7-55	1
REV. 67	1-7-55	1
REV. 68	1-7-55	1
REV. 69	1-7-55	1
REV. 70	1-7-55	1
REV. 71	1-7-55	1
REV. 72	1-7-55	1
REV. 73	1-7-55	1
REV. 74	1-7-55	1
REV. 75	1-7-55	1
REV. 76	1-7-55	1
REV. 77	1-7-55	1
REV. 78	1-7-55	1
REV. 79	1-7-55	1
REV. 80	1-7-55	1
REV. 81	1-7-55	1
REV. 82	1-7-55	1
REV. 83	1-7-55	1
REV. 84	1-7-55	1
REV. 85	1-7-55	1
REV. 86	1-7-55	1
REV. 87	1-7-55	1
REV. 88	1-7-55	1
REV. 89	1-7-55	1
REV. 90	1-7-55	1
REV. 91	1-7-55	1
REV. 92	1-7-55	1
REV. 93	1-7-55	1
REV. 94	1-7-55	1
REV. 95	1-7-55	1
REV. 96	1-7-55	1
REV. 97	1-7-55	1
REV. 98	1-7-55	1
REV. 99	1-7-55	1
REV. 100	1-7-55	1

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