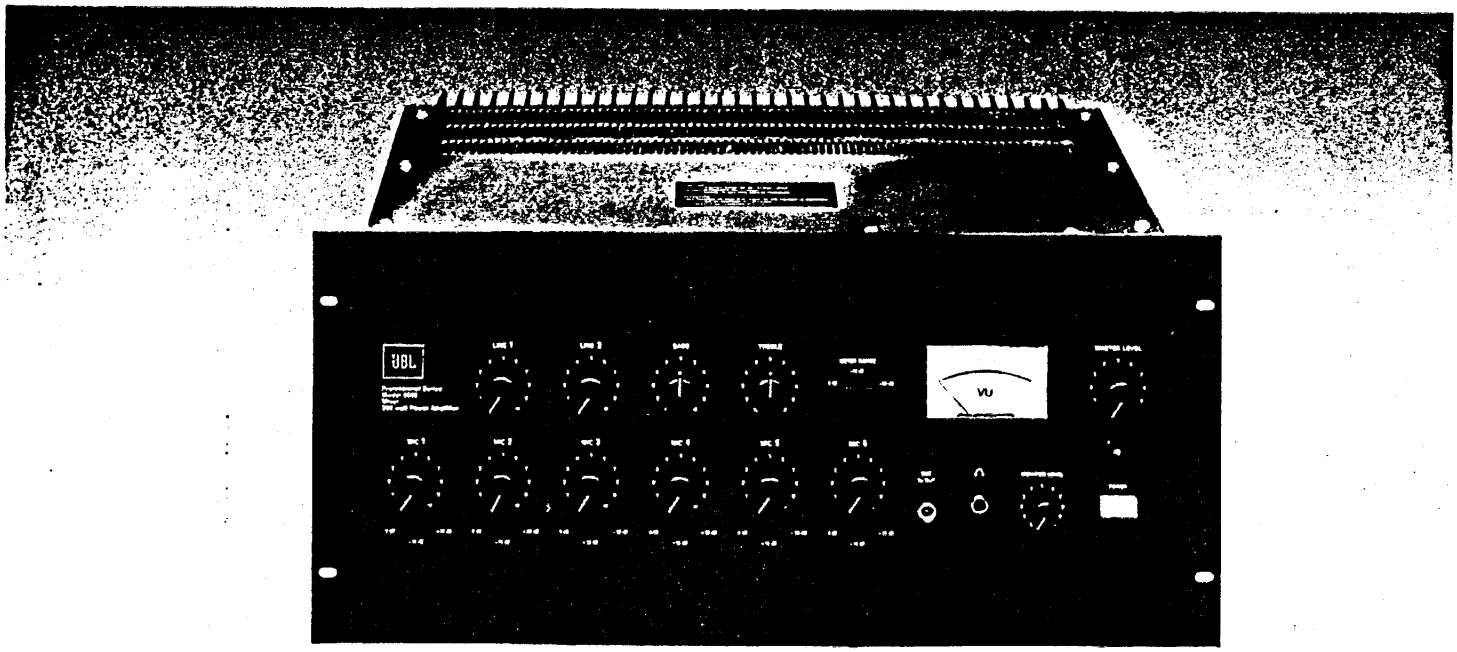
Professional Series
Model 6502
Mixer/Amplifier



The JBL 6502 combines an eight-input (six microphone and two line level) mixer with a high power, single-channel amplifier. Simpler to install than a rack-assembled system, the JBL 6502 is ideal for sound systems for auditoriums, gymnasiums, churches, and meeting halls.

Each of the six microphone inputs accepts an unbalanced, high-impedance signal. An optional, plug-in transformer will convert an input to balanced low impedance. The line inputs are unbalanced, high impedance, and may be converted to balanced low impedance with accessory plug-in transformers. One of the microphone inputs may be internally switched to RIAA phono characteristics, and a pair of RCA-type jacks on the rear panel permits a stereo source to be fed to this input.

Each input has its own level control, and the 6502 also has a master level control and a separate level control for the headphone monitor output. Bass and treble tone controls allow equalization of the program source, and a mixer output ahead of the power amplifier permits connection of an accessory equalizer if desired. The 6502 also has a cue switch that disconnects the mixer output from the amplifier. A meter with switchable range allows visual monitoring.

The power amplifier produces 200 W from 20 Hz to 20 kHz with less than 0.2% THD. An accessory output transformer allows full-power operation into 8 or 16 Ω loads, or into a 70.7 V line.

Specifications

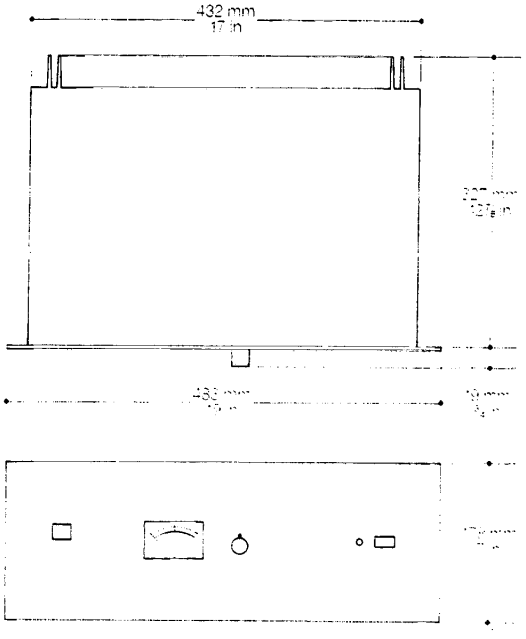
Power Output, Continuous Sine Wave		
Direct output, 4-Ω load	200 W	
Transformer output (6021 only)	200 W	
Power Bandwidth		
Direct output		
200 W	20 Hz - 20 kHz, less than 0.2% total harmonic distortion	
150 W	10 Hz - 40 kHz, less than 0.5% total harmonic distortion	
Transformer output, 200 W (6021 only)	35 Hz - 15 kHz, less than 0.2% total harmonic distortion	
Total Harmonic Distortion, 200 W		
Direct output	Less than 0.2%, 20 Hz - 20 kHz	
Transformer output (6021 only)	Less than 0.2%, 35 Hz - 15 kHz	
Intermodulation Distortion		
SMPTE Standard		
200 W	Less than 0.2%	
10 W	Less than 0.1%	
0.15 W	Less than 0.1%	
Frequency Response, 1 W	20 Hz - 20 kHz, ±0.5 dB	
Load Impedance		
Direct output	4 Ω	
Transformer output (6021 only)	8, 16, or 25 Ω	
Load Voltage, 200 W		
Direct output	28.3 V	
Transformer output (6021 only)		
8-Ω tap	40.4 V	
16-Ω tap	56.6 V	
70.7-V tap	70.7 V	
Output Regulation	Better than 15%	
Power Gain	72 dB	
Maximum Input Sensitivity		
Unbalanced high impedance (33 kΩ)	0.78 V	
Balanced 15-kΩ, with 5195 transformer	0.38 V	
Balanced 600-Ω matching, with 5195 transformer	0.38 V	
Balanced 600-Ω matching, with 5195 transformer, 14-dB step-up configuration*	0.08 V	
Signal-to-Noise Ratio	Better than 100 dB, full power	
Low Cut Filter	6 dB/octave below 250 Hz, switchable	
Front Panel Controls	Power switch Level control	
Indicators	Pilot lamp Level meter, dB	
Power Requirement	120/240 V AC, 50/60 Hz	
Power Consumption		
Load on direct output		
Quiescent	40 W	
⅓ power	250 W	
Full power	400 W	
Load on transformer output (6021 only)		
Quiescent	40 W	
⅓ power	275 W	
Full power	440 W	
Fuse	5-A 3AG	
Maximum Ambient Operating Temperature	60°C 140°F	
Front Panel Finish	Semi-gloss baked enamel, dark gray	
Mounting	4 EIA standard rack spaces	
Dimensions		
Front panel	483 x 178 mm	19 x 7 in
Depth of controls	19 mm	¾ in
Depth behind panel	327 mm	12⅞ in
Net Weight		
6021	21 kg	47 lb
6022	16 kg	35 lb
Shipping Weight		
6021	24 kg	52 lb
6022	18 kg	39 lb
Accessory	JBL Model 5195 Matching/ Bridging Transformer	

JBL Professional Products are not intended for household use.

*Requires internal modification

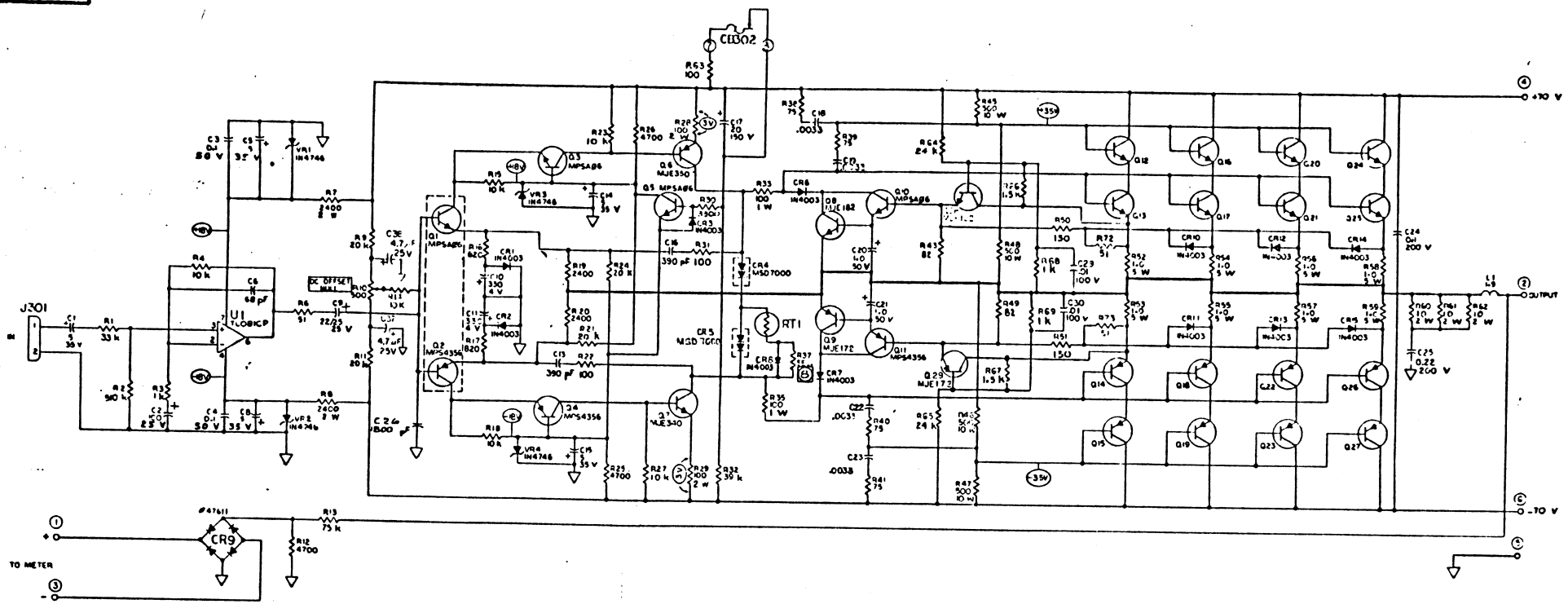
Consumer Warranty

JBL offers a limited warranty to retail purchasers. The warranty statement is packed with the product.



NOTICE

THE FOLLOWING DCR'S ARE OUTSTANDING AGAINST THIS DRAWING.



REFERENCE DESIGNATIONS	
LAST USED	NOT USED
RT1	
C36	C32, C31 thru C7
CR15	
L1	
Q29	
R73	R36, R42, R44, R34, R70 & R71, R5
VR4	
CE302	

6 Q12 - Q27 MUST ALL BE SAME MANUFACTURER, R37 SELECTED FOR STABLE IDLE dc POWER CONSUMPTION OF 40-60 W (13 TYPICAL).

7. Q14, Q15, Q18, Q19, Q22, Q23, Q26 AND Q27 ARE RCA 8203B OR 2N6041.
8. Q12, Q13, Q16, Q17, Q20, Q21, Q24 AND Q25 ARE 2N6388 OR 2N6044.
9. ZENER DIODES RATED AT 6.8 V ±5%.
10. VOLTAGES MEASURED WITH 120 V dc LINE AND NO SIGNAL INPUT.
11. RESISTOR VALUES IN OHMS, ½ W, ± 5%.
12. CAPACITOR VALUES IN MICROFARADS.
13. INDUCTOR VALUES IN MICROHENRIES.

UNLESS OTHERWISE SPECIFIED

FILE COPY

NOTICE
THE FOLLOWING DCR'S ARE OUT-STANDING AGAINST THIS DRAWING.

NUMBERS	DESCRIPTION	REMARKS
29390-11	SCHEMATIC, 6502	7
29390-21	SCHEMATIC, 6502	6

REVISIONS

CHG	LTR	DESCRIPTION	DRFT	CHK	DATE	APPR
——	A	MFG PROTOTYPE RUN NO. 1				
ECO M	B	RELEASE FOR PRODUCTION				
5050	C	R1, R13, R25, R37, R49 & R61 82K WAS 510 K	DAM			
6350	D	REV PER ECN				
7030	E	REV PER ECN	DAM			
8130	F	SHT 2; R57 220 OHM WAS 470 OHM	DAM			
9210	G	REV PER ECN				
136E		REV PER ECN	DAM			
178E	H	T-15 COLOR GRN YEL WAS WHT/BLK	DAM			

LINE INPUT 2 — TB2 — CHASSIS, O, I, GND, DIRECT
LINE INPUT 1 — TB3 — CHASSIS, O, I, GND, DIRECT
MIC 6, MIC 5, MIC 4, MIC 3, MIC 2, MIC 1

A2 - TRANSFORMER PC BOARD

S2 MIC 1 · S3 MIC 2 · S4 MIC 3 · S5 MIC 4 · S6 MIC 5 · S7 MIC 6

A4 - POWER AMPLIFIER PC BOARD SEE SCHEMATIC 54966

A1 - CONTROL PC BOARD

MASTER LEVEL

METER RANGE SW

OPTIONAL OUTPUT TRANSFORMER ASSY

MONITOR HEADPHONE JACK

MONITOR HEADPHONE LEVEL

A1 - REFERENCE DESIGNATIONS			
LAST USED	NOT USED	LAST USED	NOT USED
Q4			
AR2			
R43	R28		
VR11			
C19	C16,17,18		
CR7			
S7			
J3			
E15			

UNIT - REFERENCE DESIGNATIONS			
LAST USED	NOT USED	LAST USED	NOT USED
A1		C5	
F1		R4	
TB6		CR3	
S3		P301	P8,11,14,15 17 THRU 399
DS2	DS1	J301	P8,11,14,15 17 THRU 300
T2		E2	
AR2			
PH2			
MIC 6			
M1			

(8) CIRCUIT VARIATION FOR 240 Vac INPUT. FUSE VALUE IS 2.5 A.
(7) CIRCUIT VARIATION FOR 120 Vac INPUT. FUSE VALUE IS 5 A.
(6) EXTERNAL COMPONENTS.
(5) IN THE EVENT THE OPTIONAL OUTPUT TRANSFORMER IS EMPLOYED, A JUMPER WIRE MUST BE INSERTED BETWEEN TB5-3 AND TB5-4.
4. NON-POLARIZED CAPACITORS < 1000 pF ARE MICA; ≥ 1000 pF ARE POLYESTER.
3. CAPACITANCE VALUES ARE IN MICROFARADS.
2. ALL RESISTORS ARE ¼ W, 5% CARBON FILM.
1. RESISTANCE VALUES ARE IN OHMS.

NOTES: (UNLESS OTHERWISE SPECIFIED)

PAGE 1 OF 4

6502

ITEM	PART NO.	DESCRIPTION	QTY	REMARKS

BILL OF MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED

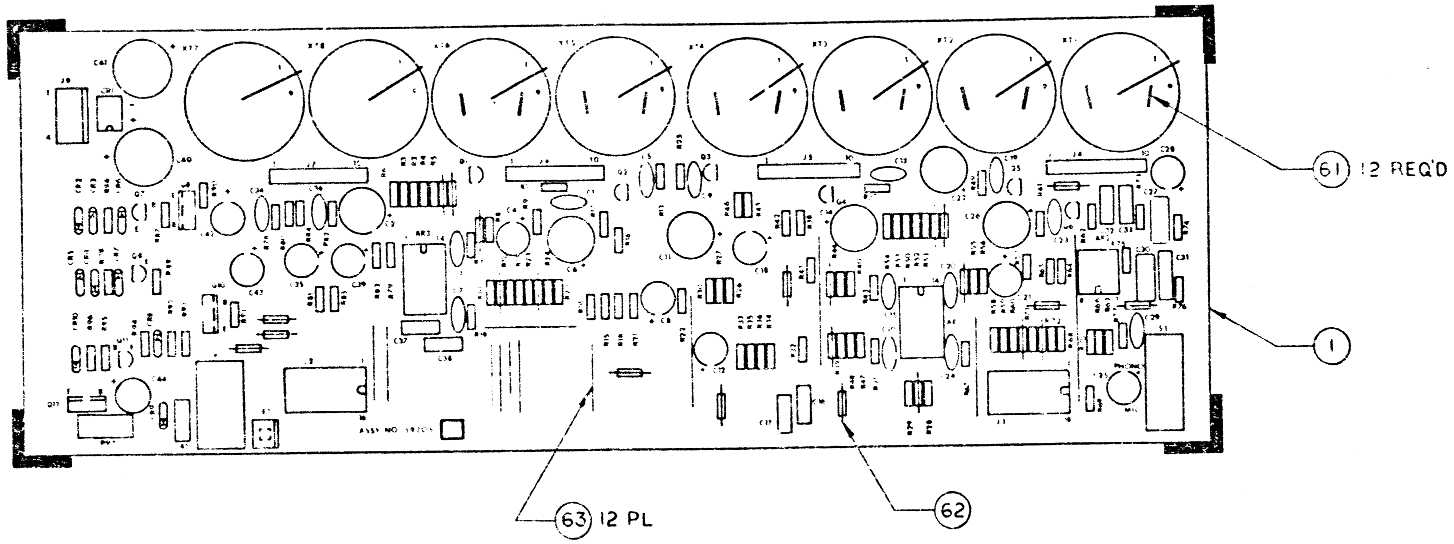
JAMES B. LANSING SOUND, INC.
A Harman International Company
Northridge, California 91329 U.S.A.

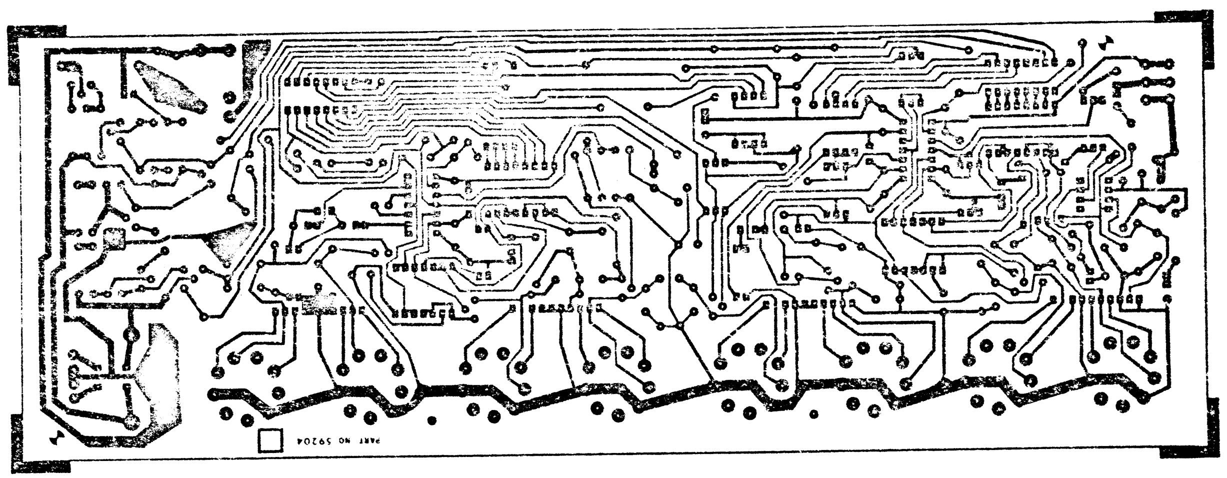
TITLE: SCHEMATIC, 6502

SIZE A0 · DRAWING NO. 29390-21 · REV H · SCALE NONE · SHEET 1 OF 2

REVISIONS

CHG	LTR	DESCRIPTION	DRFT	CHK	DATE	APPR
3974	E	REDRAWN & DESIGN UPDATE REL FOR PRODUCTION				





NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR E302 SCHEMATIC SEE DWG. 59163-X1.
2. FOR 6502 SCHEMATIC SEE DWG. 59280-X1.
3. CIRCUIT SHOWN FOR REFERENCE ONLY.
4. COMPONENTS NOT USED: C29 & R77.

ITEM	PART NO.	DESCRIPTION		QTY	REMARKS
65	54727	SCREW, PNH, 4-40 × 3/16		2	(USED ON Q8 & Q10)
64	59541	HEATSINK, TRANSISTOR, TO-220		2	(USED ON Q8 & Q10)
63	48679	JUMPER, 22 AWG, SOLID, BLK (48600)		1	508 [20] TOTAL
62	51430	JUMPER, CIRCUIT		23	
61	58325-01	JUMPER, 11 AWG. 1/4		12	
60	59277	SOCKET, 9 PIN		8	XT1 - XT8
59	58722-79	POST HEADER, 10 POSITION		1	J7
58	58722-17	POST HEADER, 10 POSITION		3	J4, 5, 6
57	59021-03	SOCKET, IC, 16 PIN		2	J1, 2
56	48514	NUT, HEX		2	(USED ON Q8 & Q10)
55					
54	57065	SWITCH, SLIDE, DPDP		1	S1
53	59038	RELAY, HB1-DC, 24 V		1	K1
52	52216	IC, OP AMPL, TL081CP		1	AR2
51	59028	IC, OP AMPL, LOW NOISE, TL074CP		2	AR1, 3
50	58768	TERMINAL, FAST-ON, MALE, .187		1	E1
49	59290	CONNECTOR, 4 PIN, MALE		1	J9
48	55648	DUAL IN-LINE BRIDGE		1	CR1
47	59878	DIODE, ZENER 1N4746A		2	CR6, 7
46	59034	DIODE, ZENER 1N4731		1	CR10
45	39869	DIODE, 1N4003		1	CR9
44	52544	DIODE, 1N914B		5	CR2, 3, 4, 5, 8
43	48337	TRANSISTOR, 2N5086		2	Q7, 11
42	58720	NPN 4A 2N6123		1	Q8
41	58719	PNP 4A 2N6126		1	Q10
40	55411	MJE 182		1	Q12
39	59030	PF5103		6	Q1, 2, 3, 4, 5, 6
38	48338	TRANSISTOR, 2N5210		1	Q9
37	58725-1005	CAPACITOR, 10 µF, 50 V		1	C44
36	59268	1000 µF, 6.3 V	(36178)	6	C2, 6, 11, 14, 22, 26
35	59269	220 µF, 50 V		2	C40, 41
34	53048	.0056 µF, 250 V	(48417)	1	C31
33	59073	.0012 µF, 250 V		1	C30
32	58690	.1 µF, 100 V		6	C16, 17, 32, 33, 37, 38
31	58738	.01 µF, 250 V		1	C45
30					
29	48433	MICA, 20 pF, 500 V, 5%	(45418)	14	C1, 3, 5, 7, 9, 10, 13, 15, 19, 20, 23, 24, 34, 36
28	48451	MICA, 100 pF, 500 V, 5%		1	C27
27	58730-2205	CAPACITOR, 22 µF, 25 V (58730)		11	C4, 8, 12, 18, 21, 25, 28, 35, 39, 42, 43
26	35720	RESISTOR, 680 Ω 1/2 W (35676)		1	R97
25	36456	910 Ω 1/4 W	(36409)	6	R11, 23, 35, 47, 59, 71
24	36440	200 Ω		1	R92
23	36436	130 Ω		6	R12, 24, 36, 48, 60, 72
22	36434	110 Ω		2	R90, 91
21	36429	68 Ω		2	R87, 89
20	36522	510 kΩ		6	R1, 13, 25, 37, 49, 61
19	31055	1 MΩ		1	R94
18	36524	620 kΩ		1	R76
17	36517	330 kΩ		6	R7, 19, 31, 43, 55, 67
16	35621	100 kΩ		1	R96
15	36499	56 kΩ		1	R75
14	36497	47 kΩ		1	R73
13	36493	33 kΩ		2	R86, 88
12	36479	8.2 kΩ		6	R6, 18, 29, 41, 54, 66
11	36473	4.7 kΩ		2	R81, 85
10	36459	1.2 kΩ		1	R74
9	36464	2 kΩ		1	R95
8	36457	1 kΩ		2	R79, 83
7	36486	16 kΩ		6	R10, 22, 34, 46, 58, 69
6	36485	15 kΩ		8	R4, 16, 27, 39, 52, 64, 78, 82
5	36484	13 kΩ		6	R8, 20, 32, 44, 56, 68
4	36481	10 kΩ		20	R3, 5, 9, 15, 17, 21, 28, 30, 33, 40, 42, 45, 51, 53, 57, 63, 65, 70, 80, 84
3	36478	7.5 kΩ		6	R2, 14, 26, 38, 50, 62
2	36509	RESISTOR, 150 kΩ 1/4 W		1	R93
1	59204	P.C. BOARD, TRANSFORMER		1	

BILL OF MATERIAL

6502

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES WITH INCH SIZES IN BRACKETS
BREAK SHARP EDGES 0.4 mm .016 inch

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS / ANGULAR
X.XXX ± 0.13 .005 inch
X.XX ± 0.25 .010 inch
X.X ± 0.5 .020 inch
FRACTIONAL U.S. DIMENSIONS ± 1/32
ALL DIMENSIONS ARE FINISHED DIMENSIONS
DO NOT SCALE DRAWING

MATERIAL —
FINISH —
MODELS USED ON: 5302, 6502

DRAWN 25 MAY 79
CHECKED 31 MAY 79
31 MAY 79

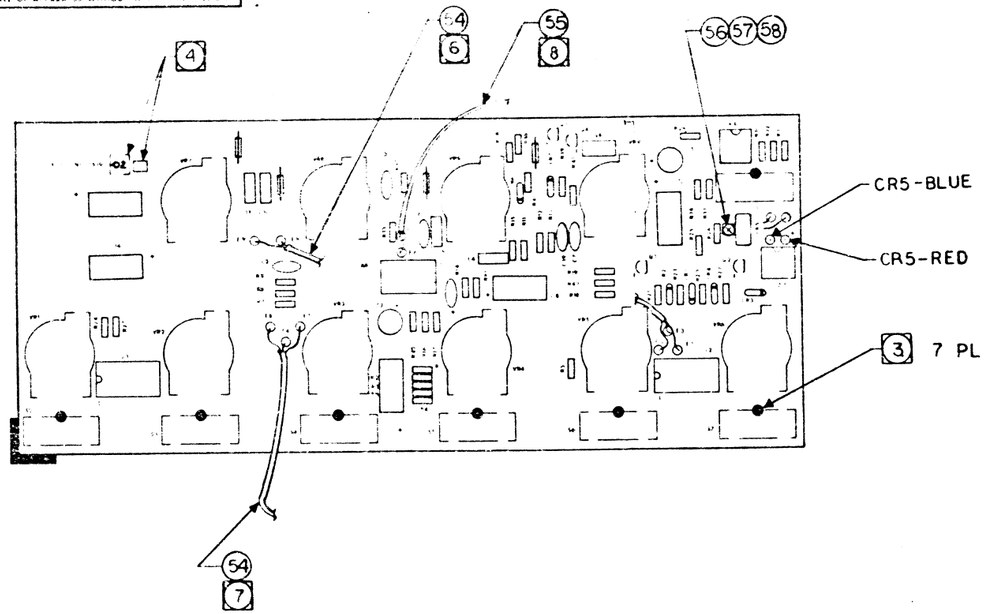
JAMES B. LANSING SOUND, INC.

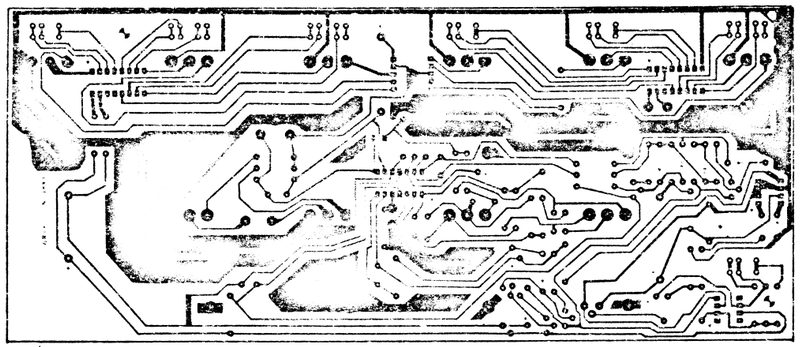
TITLE: TRANSFORMER P.C. BOARD ASSEMBLY
SIZE A1 | DRAWING NO 59205 | REV B
SCALE 1/1 | SHEET 1 OF 1

59205

Page 2 of 4

REVISIONS						
CHG	LTR	DESCRIPTION	DRFT	CHK	DATE	APPR
E0094	B	REDRAWN & DESIGN UPDATE. REL. FOR PRODUCTION				





REF DESIGNATION	
LAST USED	NOT USED
Q4	
AR2	
R43	R28
VR11	
C19	C16, 17, 18
CR7	
S7	
J3	

ITEM	PART NO.	DESCRIPTION		QTY	REMARKS
46					
45					
44					
43					
42					
41					
40	59028	IC, LOW NOISE, OP AMP, TL074CN		1	AR1
39	55201	TRANSISTOR, PNP, MPS-4356		2	Q2, Q4
38	48340	TRANSISTOR, NPN, MPS-A06		2	Q1, Q3
37	58370-2205	CAPACITOR, 22 µF, 25 V (58370)		1	C3
36	48471	560 pF, 500 V, 5%	45418	1	C7
35	48466	390 pF, 500 V, 5%		1	C19
34	48440	39 pF, 500 V, 5%		1	C9
33	48432	30 pF, 500 V, 5%		1	C6
32	48433	20 pF, 500 V, 5%		1	C2
31	48504	100 µF, 25 V		1	C12
30	56823	100 µF, 3 V		1	C1
29	36188	22 µF, 25 V	36178	3	C11, C14, C15,
28	36180	2.2 µF, 50 V		1	C8
27	58690	0.1 µF, 100 V (48417)		2	C10, C13
26	59107	CAPACITOR, .022 µF, 250 V, 5% (48417)		2	C4, C5
25	36522	RESISTOR, 510 kΩ, 1/4 W, 5%		1	R9
24	35621	100 kΩ		2	R16, R35
23					
22	36497	47 kΩ		2	R12, R32
21	36492	30 kΩ		1	R43
20	36490	24 kΩ		1	R42,
19	35605	22 kΩ		2	R31, 34
18	36487	18 kΩ		2	R10, R11
17	36481	10 kΩ		7	R17, 19, 20, 26, 36, 38, 29
16	36479	8.2 kΩ		2	R14, R15
15	36474	5.1 kΩ	36409	1	R30
14	36470	3.6 kΩ		1	R33
13	36457	1 kΩ		1	R37
12	36451	560 Ω		1	R41
11	36449	470 Ω		1	R18
10	36442	240 Ω		8	R1, 2, 3, 4, 5, 6, 7, 8
9	36437	150 Ω		1	R13
8	35549	100 Ω		3	R24, 25, 27
7	36425	47 Ω		1	R23
6	36410	RESISTOR, 10 Ω, 1/4 W, 5%		4	R21, 22, 39, 40
5	59263	TRIM POT, 25k Ω		1	VR11
4	59179-02	POTENTIOMETER, 100kΩ (59179-XX)		8	VR1, 2, 3, 4, 5, 6, 9, 10
3	59179-01	POTENTIOMETER, 25kΩ (59179-XX)		2	VR7, 8
2	58407	SLIDE SWITCH		7	S1, S2, S3, S4, S5, S6, S7
1	59189	P C BOARD		1	

BILL OF MATERIAL

6502

58	48515	NUT, HEX, 2-56	1		
57	54972	WASHER, LOCK, NO 2	1		
56	55122	SCREW, PNH, 2-56 X 3/8	1		
55	58873	CABLE, SINGLE COND, COAX	X	(9)	
54	58871	CABLE, SHIELDED, 2 COND	X	(9)	
53	59021-01	SOCKET, IC (59021-XX)		J3	
52	51430	JUMPER, CIRCUIT	4		
51	59021-03	SOCKET, IC (59021-XX)	2	J1, J2	
50					
49	47611	BRIDGE RECTIFIER	1	CR5	
48	52544	DIODE, 75 PIV, IN914B	6	CR1.2.3.4.6.7	
47	59876	IC, OP AMPL, JFET-INP, TL081CP	1	AR2	

(7) SOLDER ITEM 54 AS FOLLOWS:
- A) SHIELD TO E4.
- B) WHITE TO E7.
- C) BLACK TO E8.

(6) SOLDER ITEM 54 AS FOLLOWS:
- A) WHITE FROM E1 TO E9.
- B) BLACK FROM E2 TO E10.
- C) SHIELD TO E3.

(5) STRIP WIRE 6.4 [1/4] BOTH ENDS.

(4) RUBBER STAMP ASSY DASH NUMBER & REVISION WHERE SHOWN.

(3) ITEM 2 IS POLARIZED, DETENT MECHANISM TO BE LOCATED AS INDICATED.

2. FOR SCHEMATIC SEE 59280-X1.

1. CIRCUITRY SHOWN FOR REFERENCE ONLY.

NOTES: (UNLESS OTHERWISE SPECIFIED.)

(9) LENGTH TO BE DETERMINED.

(8) SOLDER ITEM 55 AS FOLLOWS:
- A) SHIELD TO E5.
- B) WHITE TO E6.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES WITH INCH SIZES IN BRACKETS. BREAK SHARP EDGES 0.4 mm .016 inch.
TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS X.XXX ±.013 .005 inch; X.XX ±.025 .010 inch; X.X ±.05 .020 inch. ANGULAR ±. FRACTIONAL U.S. DIMENSIONS ± 1/32.
ALL DIMENSIONS ARE FINISHED DIMENSIONS. DO NOT SCALE DRAWING.

MATERIAL —— FINISH —— MODELS USED ON 6502

JAMES B. LANSING SOUND, INC.

P C BOARD, SWITCH ASSY

SIZE A1 | DRAWING NO. 59190-02 | REV. B | SCALE 1/1 | SHEET 1 OF 1

59190-02

NOTICE

THE FOLLOWING DCR'S ARE OUTSTANDING AGAINST THIS DRAWING.

ITEM	PART NUMBER	DESCRIPTION	QTY	REMARKS
96	55260	WASHER, SPLIT LOCK #10	10	
95	89937	WASHER, FLAT #10	10	
94	21954	HEX NUT, #10-32	10	
93	55123	SCREW, #10-32 x 5/8 LG SOCKET HEAD	10	
92	12268	LOCK WASHER #6	2	
91	11638	WASHER, NO.6 FLAT	2	
90	10039	SCREW, # 6-32 x 1/4 LG	2	
89	12802	WASHER, NO. 4 FLAT	6	
88	48514	KEPS NUT #4-40	25	
87	10044	SCREW, # 4-40 x 3/8 LG PN. HD.	2	
86	10043	SCREW, # 4-40 x 1/2 LG PN. HD.	23	
85	48515	HEX NUT # 2-56	1	
84	54972	WASHER, NO.2 SPLIT-LOCK	1	
83	55122	SCREW, # 2-56 x 3/8 LG	1	
82	55454 S	THERMAL EPOXY	A/R	
81	12884 S	THERMAL COMPOUND	A/R	
80	51430	JUMPER WIRE	10	
79	55697	CLAMP CABLE	2	
78				
77				
76	55522	CABLE ASSY	1	W301
75	54460	WIRE 16 AWG - BLK	1	14" LG
74				
73				
72				
71	53539	DIODE CLIP	2	
70	55418	HEATSINK	2	
69				
68				
67	55415	CONNECTOR - 2 PIN	1	J301
66	55482	HEATSINK I.C.	1	
65	55035	BRACKET MTG	1	
64	55034	HEATSINK - SIDE	2	
63	55033	HEATSINK - MIDDLE	1	
62				
61	53397	BREAKER - THERMAL, 80°C	1	CB 302
60	52573	INDUCTOR, AIR CORE, 1.9 μH	1	L1
59	52225	DIODE - ZENER, IN4746, 18 V, 1 W	4	VR1 THRU VR4
58				

BILL OF MATERIAL

ITEM	PART NUMBER	DESCRIPTION	QTY	REMARKS
57	55414	TRANSISTOR - RCA 3203B	8	3,4,15,18,19,22,23,26 & 27
56	55413	2N6388	8	Q12,13,16,17,20,21,24 & 25
55	55412	MJE 172	2	Q9, 29
54	55411	MJE 182	2	Q8, 28
53	52209	MJE 340	1	Q7
52	52210	MJE 350	1	Q6
51	55201	MPS4356	3	Q2, 4, 11
50	48340	TRANSISTOR - MPSAØ6	4	Q1, 3, 5, 10
49	36163	CAPACITOR - 0.01 μF, 100 V	2	C29, 30
48	88753	.22 μF, 250 V	1	C25
47	57910	4.7 μF, 25 V	2	C37, C38
46	48929	1800 pF, MICA	1	C26
45	10114	0.1 μF, 250 V	1	C24
44	81321	1.0 μF, 50 V	2	C20, 21
43	53043	.0033 μF, 250 V	4	MRD48417, C18,19,22,23
42	55422	20 μF, 150 V	1	C17
41	48466	390 pF, 500 V, MICA	2	MRD 48418, C13, 16
40	55172	330 μF, 4 V	2	C10, 11
39	36188	22/25 μF, 25 V	1	C9
38	48429	10 pF, 500 V, MICA	1	MRD 48418, C7
37	48477	68 pF, 500 V, MICA	1	MRD 48418, C6
36	56153	0.1 μF, 100 V	2	C3, 4
35	48504	100 μF, 25 V	1	C2
34	47795	CAPACITOR - 5 μF, 35 V	5	C1, 5, 8, 14, 15
33	83331	RESISTOR, 33 kΩ, 1/2 W, 5 %	1	R1
32	52216	OP-AMP LM318H	1	U1
31	52219	DIODE - MSD7000	2	CR4, 5
30	39869	DIODE - IN4003	12	CR1,2,3,6,7,8,10 THRU 15
29	47611	BRIDGE RECTIFIER	1	CR9
28	(6)	RESISTOR, $\frac{1}{2}$ W, 5%, SELECTED.	1	MRD 35676, R37
27	35703	130 Ω, 1/2 W, 5 %	2	MRD 35676, R50, 51
26	10078	1.5 kΩ, 1/2 W, 5 %	2	MRD 35676, R66, 67
25	36737	100 Ω, 1 W, 5 %	2	MRD 36713, R33, 35
24	36888	100 Ω, 2 W, 5 %	2	MRD36864, R28, 29
23	36865	10 Ω, 2 W, 5 %	3	MRD 36864, R60, 61, 62
22	81071	1.0 Ω, 5 W, 5 %	8	MRD 53400, R52 THRU 59
21	84074	500 Ω, 10 W, 10 %	4	MRD 35491, R45,46,47,48
20	35697	RESISTOR, 75 Ω, 1/2 W, 5 %	4	MRD 35676, R38,39,40,41
19				
18	35757	RESISTOR, 24 kΩ, 1/2 W, 5 %	2	MRD 35676, R64, 65
17	55408	THERMISTOR	1	RT1
16	11613	RESISTOR - 39 kΩ, 1/2 W, 5 %	1	MRD 35676, R32
15	11507	100 Ω, 1/2 W, 5 %	3	MRD 35676, R22,31,63
14	35698	82 Ω, 1/2 W, 5 %	2	MRD 35676, R43, 49
13	35733	2.4 kΩ, 1/2 W, 5 %	2	MRD 35676, R19, 20
12	88211	820 Ω, 1/2 W, 5 %	2	MRD 35676, R16, 17
11	35769	75 kΩ, 1/2 W, 5 %	1	MRD 35676, R13
10	10074	4.7 kΩ, 1/2 W, 5%	3	MRD 35676, R12, 25, 26
9	57791	TRIM POT, 500 Ω	1	R10
8	10073	20 kΩ, 1/2 W, 5%	4	MRD 35676, R9,11,21,24
7	36921	2.4 kΩ, 2 W, 5 %	2	MRD 36864, R7, 8
6	35693	51 Ω, 1/2 W, 5 %	3	MRD 35676, R6,72,73
5	11461	5.1 kΩ, 1/2 W, 5 %	1	MRD 35676, R5
4	11464	10 kΩ, 1/2 W, 5 %	7	MRD 35676, R4, 14, 15, 18, 23, 27, 30
3	35789	510 kΩ, 1/2 W, 5 %	1	MRD 35676, R2
2	10940	RESISTOR - 1 kΩ, 1/2 W, 5 %	3	MRD 35676, R3, 68, 69
1	57886	P.C. BOARD	1	

BILL OF MATERIAL

6502

ECN	LTR	CHANGE	DATE	BY
—	—	SEE SHEET 1 OF 2	—	—

QTY	MODEL	NEXT DWG
	6502	
—	6022	—
—	6021	—

APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. BREAK SHARP EDGES .005
DECIMALS .XX ±.01 .XXX ±.005 FRACTIONS ±1/32 ANGULAR ±
MATERIAL
TREATMENT
MACHINE FINISH
DO NOT SCALE DRAWING

DRAWN:
CHECK:
DESIGN:
ENGR:

JBL JAMES B. LANSING SOUND, Inc. Los Angeles, Calif. 90039

TITLE: P.C.B ASSY

SIZE: D
DRAWING NUMBER: 55037
REV: 6
SCALE:
WEIGHT:
SHEET 2 OF 2