

PHOTOFACT* Folder



SHERWOOD MODEL
S-1000-II (Revised)



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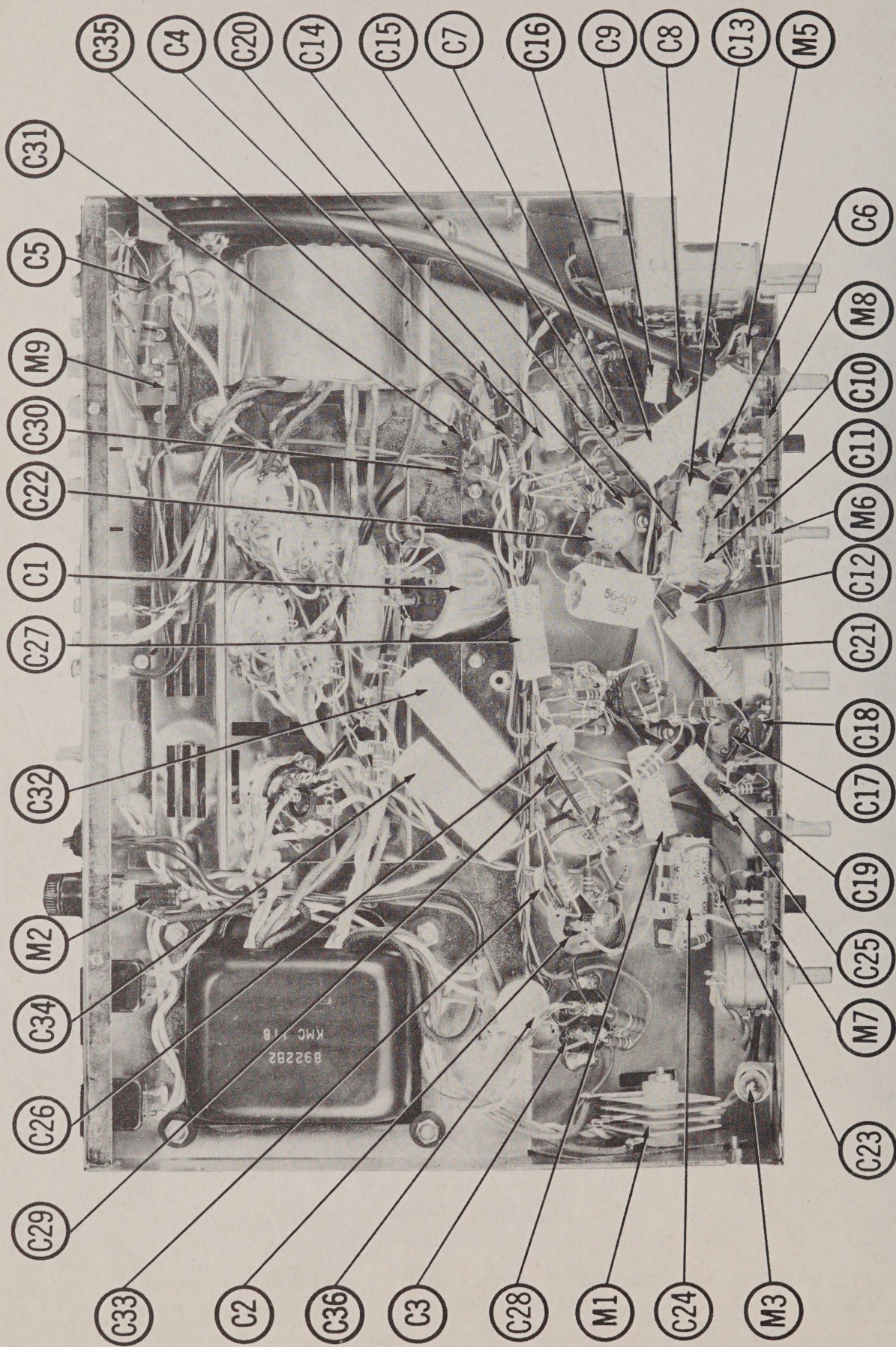
SHERWOOD MODEL
S-1000-II (Revised)

TRADE NAME	Sherwood Model S-1000-II (Revised)		
MANUFACTURER	Sherwood Electronic Laboratories, Inc., 4300 N. California Ave., Chicago 18, Illinois		
TYPE SET	AC Operated Audio Amplifier		
TUBES	Nine		
POWER SUPPLY	110 - 120 Volts AC - 60 Cycles	RATING	88 Watts, .87 Amp. @ 117 Volts AC

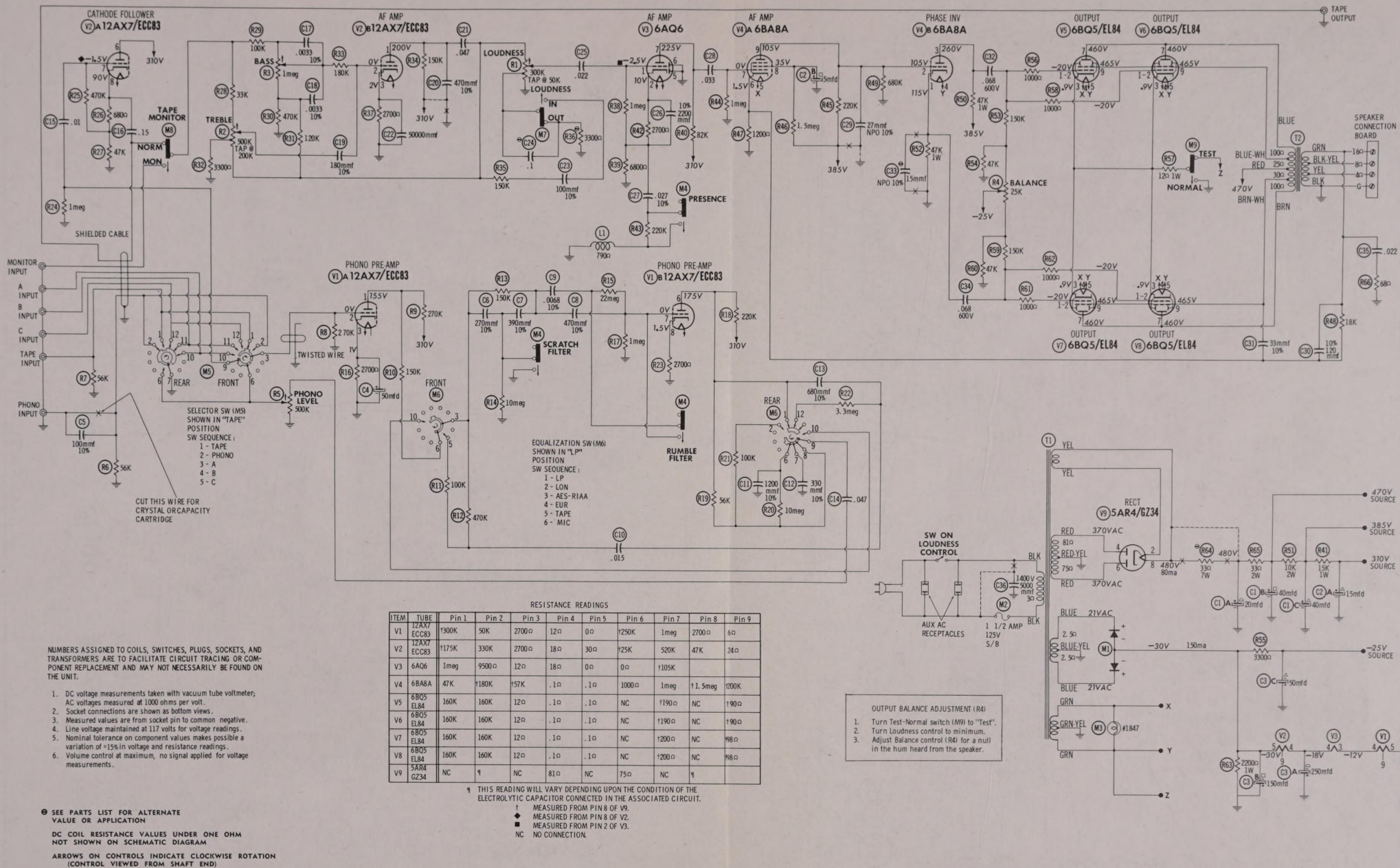
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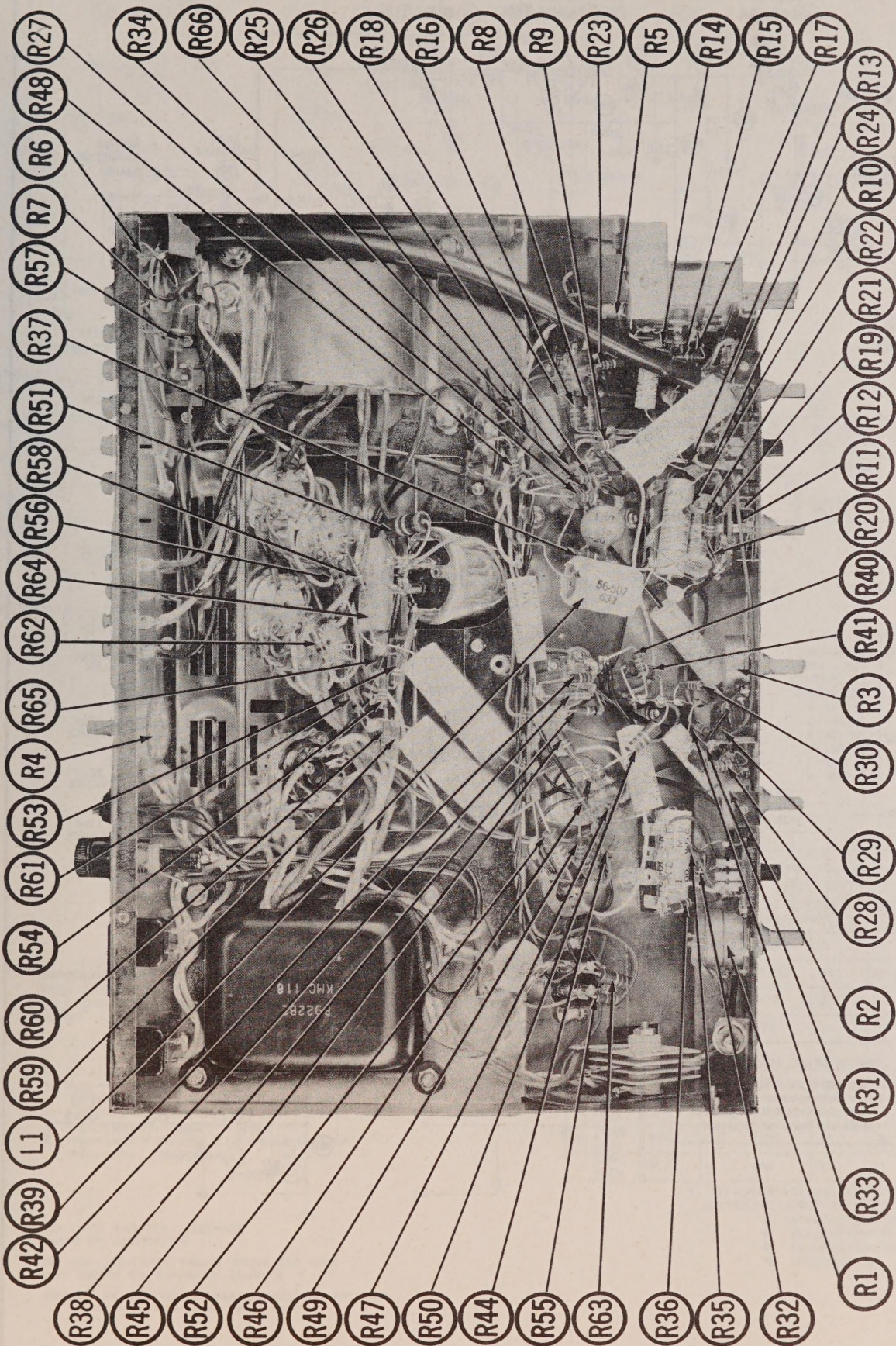
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CHASSIS BOTTOM VIEW - ALIGNMENT, CAPACITOR & MISC. IDENT.

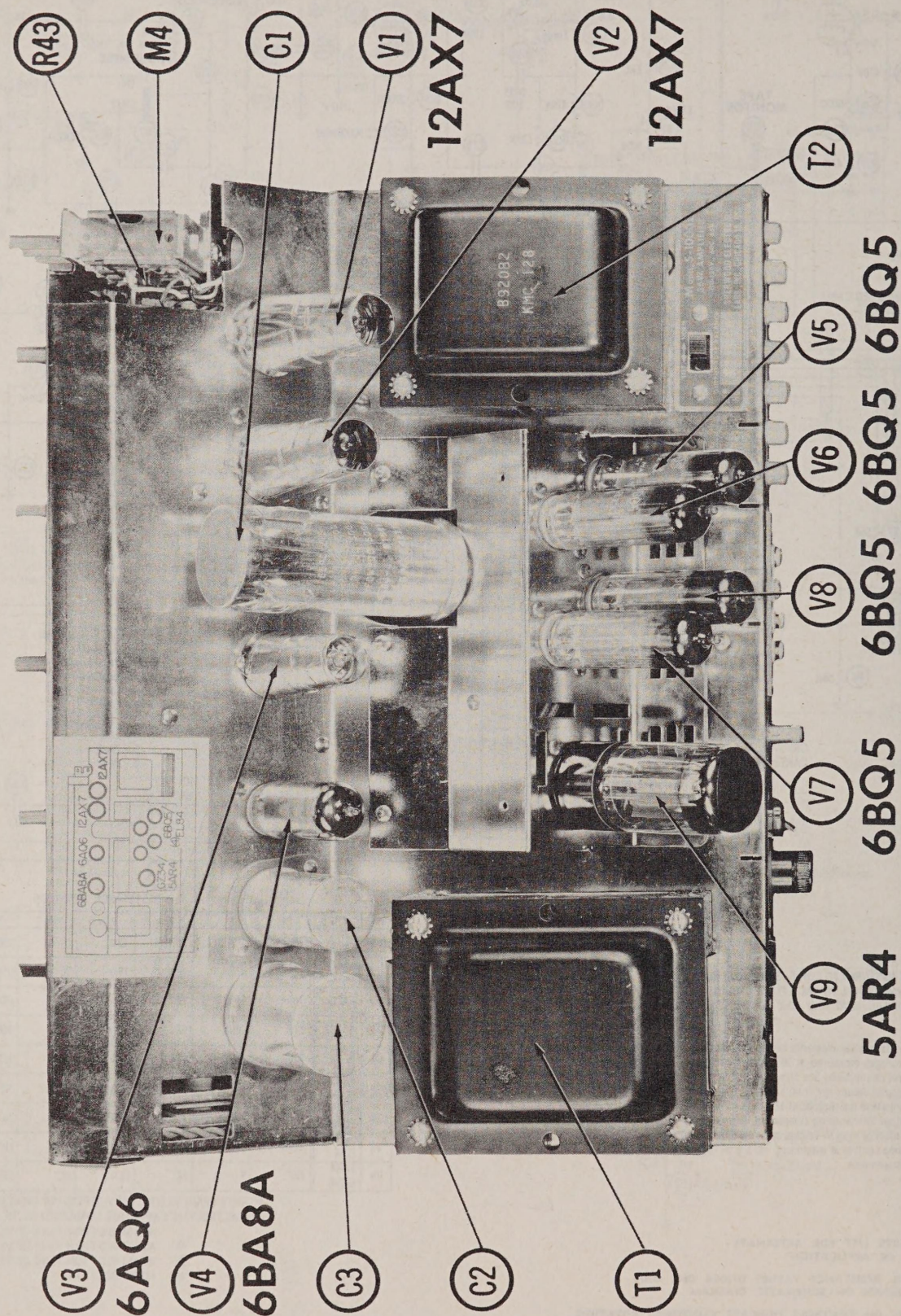




CHASSIS BOTTOM VIEW - RESISTOR & INDUCTOR IDENT.

MODEL S-1000-II (REVISED)

SHERWOOD



CHASSIS - TOP VIEW

PARTS LIST AND DESCRIPTIONS

TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE
V1	Phono Preampifier	12AX1/ECC83
V2	Cath. Follower - AF Amp.	12AX1/ECC83
V3	AF Amplifier	6AQ6
V4	AF Amp.-Phase Inverter	6BA6A
V5	Output	6BQ5/EL84

ITEM No.	USE	TYPE
V6	Output	6BQ5/EL84
V7	Output	6BQ5/EL84
V8	Output	6BQ5/EL84
V9	Rectifier	5AR4/GZ34

ELECTROLYTIC CAPACITORS

REPLACEMENT DATA					
ITEM No.	RATING	SHERWOOD PART No.	AEROVOX PART No.	CORNELL DUBIER PART No.	MALLORY PART No.
C1A	20 500		AFH3-54	D0185	
B	40 500				
C	40 500				
C2A	15 400		AFH2-47	A0450	FP143
B	5 400			BR445	TC70
C3A	250 50				
B	150 50				
C	50 50				
C4	50 6		PWE6050	NL50-6	TT6X50

* Not normally in distributors stock. Available through distributor on order to manufacturer.

FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

REPLACEMENT DATA					
ITEM No.	RATING	SHERWOOD PART No.	AEROVOX PART No.	CORNELL DUBIER PART No.	MALLORY PART No.
C5	100		1469-0001	DD-101	MCB235
C6	270			MD-271	MS-31
C7	390			MD-391	5TCC-T27
C8	470			MD-471	
C9	.0068 400		P488N-015		JL-347
C10	.015 400			CUB6S15	GEM-16288
C11	1200				GEM-4115
C12	330			L10T33	JL-212
C13	680			MD-331	JL-333
C14	.047 400		P488N-047	MD-681	JL-368
C15	.01 400		P488N-01	DF-503	CUB4S47
C16	.15 200		P288N-15	D6-103	GEM-411
C17	.0033 400				GEM-2015
C18	.0033 400				GEM-16233
C19	180 400		1469-00018	DD-181	GEM-16233
C20	470 400			MD-471	MS-318
C21	.047 400		P488N-047	DF-503	JL-347
C22	50000		BFD-05	DF-503	GEM-4147
C23	100		1469-0001	DD-101	5HK-S5
C24	.022 400		P488N-1	DF-104	MS-31
C25	.022 400		P488N-022	D6-203	4TM-P1
C26	2200				GEM-4122
C27	.027 400				JL-222
C28	.033 400		P488N-033		GEM-4133
C29	120			CUB6S33	GEM-4133
C30	120			C10Q27C	CNO-427
C31	33		NFO-D120	DD-121	MS-312
C32	.068 600		NFO-D133	DD-330	MS-433
C33	.068 600		P688N-068		GEM-6168
C34	.068 600		NFO-D115	DTZ-15	6TM-S68
C35	.022 400		P688N-068	C10Q15C	5TCC-Q15
C36	5000		P488N-022	D6-203	6TM-S68
			HVD-15-5000	CUB4S22	4TM-S72
				DD30-502	20HK-D5

Some versions may use .22mfd in this application.

② Not used in some versions.

CONTROLS

REPLACEMENT DATA					
ITEM No.	RATING	SHERWOOD PART No.	CENTRALAB PART No.	IRC PART No.	MALLORY PART No.
RIA	300K	A671B4	BT-57	A47F1-350K	UT-425
B	Shaft		Not Req.	US-3	Not Req.
C	Switch		KB-1 or KR-1*	76-1	US-26
R2A	500K	670AB1	BT-65	A47F5-500K	UT-421
B	Shaft		Not Req.	PS-3	Not Req.
R3A	1meg	670AB2	P-69	A47Imeg-S	U54
B	Shaft		Not Req.	PS-3	Not Req.
R4A	25K	A670B6	AB-26	B47-25K-S	TA253L
B	Shaft		AK-1	Not Req.	Balance
R5A	500K	670AB7		TM2	Phono Level

* Use KR with CRL "Red Label" controls and KR with "Blue Label" controls.

RESISTORS

All wattages 1/2 watt, or less, unless otherwise listed.

RATING			RATING			RATING		ITEM No.	NOTES	SHERWOOD PART No.	SHERWOOD PART No.	NOTES
ITEM No.	OHMS	WATT	ITEM No.	OHMS	WATT	ITEM No.	OHMS					
R6	56K		R37	2700Ω		R38	1meg					
R7	56K		R39	6800Ω		R40	82K					
R8	270K		R41	15K		R42	15K					
R9	270K		R43	220K		R44	1meg					
R10	150K		R45	220K		R46	1.5meg					
R11	100K		R47	1200Ω		R48	18K					
R12	470K		R49	680K		R50	47K					
R13	150K		R51	10K		R52	47K					
R14	10meg		R53	150K		R54	47K					
R15	22meg		R55	3300Ω		R56	1000Ω					
R16	2700Ω		R57	12Ω		R58	1000Ω					
R17	1meg		R59	150K		R60	47K					
R18	220K		R61	1000Ω		R62	1000Ω					
R19	56K		R63	2200Ω		R64	33Ω					
R20	10meg		R65	33Ω		R66	68Ω					
R21	100K											
R22	3.3meg											
R23	2700Ω											
R24	1meg											
R25	470K											
R26	680Ω											
R27	47K											
R28	33K											
R29	100K											
R30	470K											
R31	120K											
R32	3300Ω											
R33	180K											
R34	150K											
R35	150K											
R36	3300Ω											

Note 1. Some versions may use 1800Ω in this application.

Note 2. Not used in some versions.

COILS

REPLACEMENT DATA					
ITEM No.	USE	SHERWOOD PART No.	Meissner PART No.	Miller PART No.	Ram PART No.
L1	Tone Choke	56-507			

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PARTS LIST AND DESCRIPTIONS (cont)

TRANSFORMER (POWER)

ITEM No.	RATING		REPLACEMENT DATA					
	PRI.	SEC. 1 SEC. 2	SHERWOOD PART No.	Halldorson PART No.	Merit PART No.	Ram PART No.	Stancor PART No.	Thordarson PART No.
T1	117V ③. 87A	740VCT 5V ③. 080A ③. 1. 9A	B922B2					
	SEC. 3 ③. 3. 6A	SEC. 4 6. 3VCT 52VCT ③. 15A						

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					
	PRI.	SEC.	SHERWOOD PART No.	Halldorson PART No.	Merit PART No.	Ram PART No.	Stancor PART No.	Thordarson PART No.
T2	5200Ω 16Ω CT Screen 8Q Taps ④ 4Q 500Ω CT	B920B2						

SELENIUM RECTIFIER

ITEM No.	RATING		REPLACEMENT DATA			
	CURRENT (Measured)		SHERWOOD PART No.	FEDERAL PART No.	INTERNATIONAL PART No.	SARKES TARZIAN PART No.
M1	.150A				3N28-2CNI-RV	

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA			
			SHERWOOD PART No.	LITTELFUSE PART No.	FUSE HOLDER	BUSS PART No.
M2	3AG	1½A 125V S/B		33301. 5 1½A 125V S/B)	342001	MDL 1½ HKP

MISCELLANEOUS

ITEM No.	PART NAME	SHERWOOD PART No.	NOTES
M3	Lamp		#1847
M4	Switch		Rumble, Scratch Filter, Presence (SPST, Slide, Spring Return Type)
M5	Switch		Input Selector, (5 Position, Rotary Wafer Type)
M6	Switch		Equalization, (6 Position, Rotary Wafer Type)
M7	Switch		Loudness, (SPDT, Slide Type)
M8	Switch		Tape Monitor, (SPDT, Slide Type)
M9	Switch		Test-Normal, (SPDT, Slide Type)

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid) Available in Ten Colors
Power Cord Use BELDEN No. 8524 (Stranded) Available in Ten Colors
..... Use BELDEN No. 1765-B (6 Ft. Length)
..... Use BELDEN No. 1725-K (7½ Ft. Length)