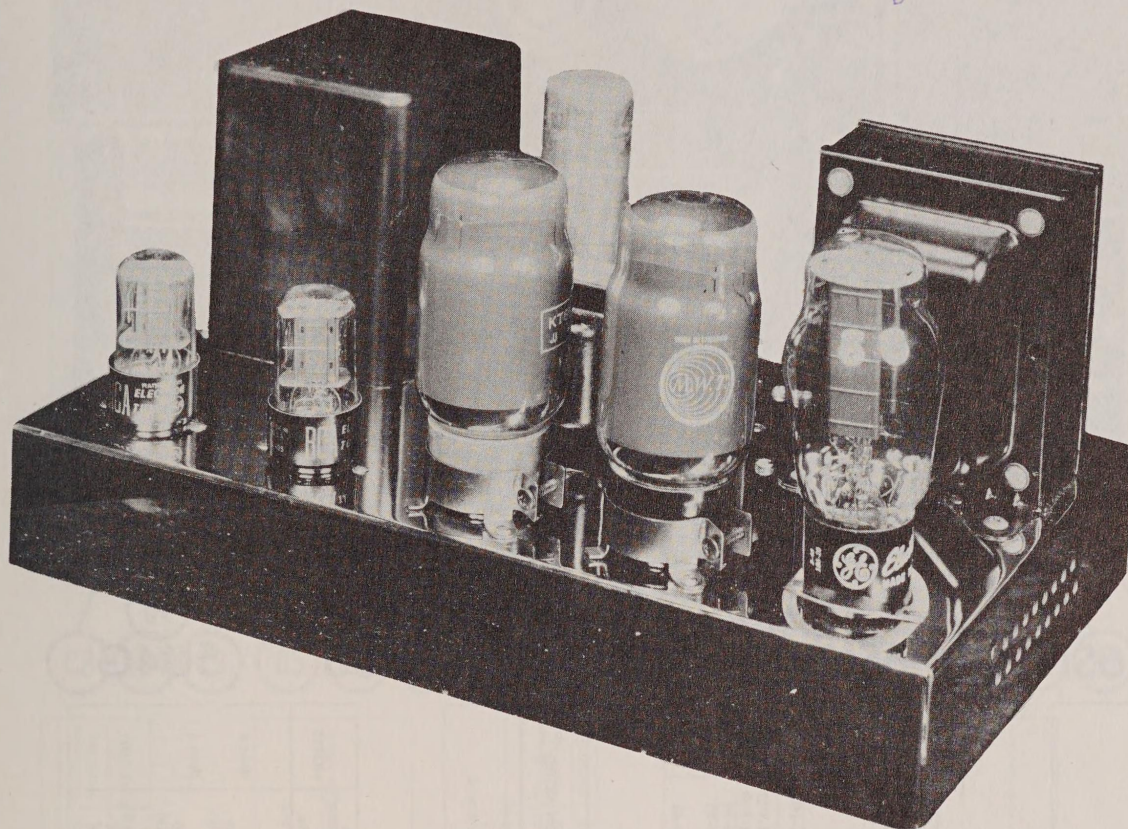


CRAFTSMEN
MODEL C-550CRAFTSMEN
MODEL C-550

TRADE NAME	Craftsmen Model C-550		
MANUFACTURER	The Radio Craftsmen, Inc., 4401 N. Ravenswood Ave., Chicago 40, Ill.		
TYPE SET	AC Operated 30 Watt Audio Amplifier		
TUBES (Five)	Types 6SN7GTA AF Amp. -Phase Inverter, 6SN7GTA Driver, (2) KT66 Output, 5U4G Rectifier		
POWER SUPPLY	110-120 Volts AC-60 Cycles	RATING	.6 Amp. @ 117 Volts AC

HOWARD W. SAMS & CO., INC. • Indianapolis 5, Indiana

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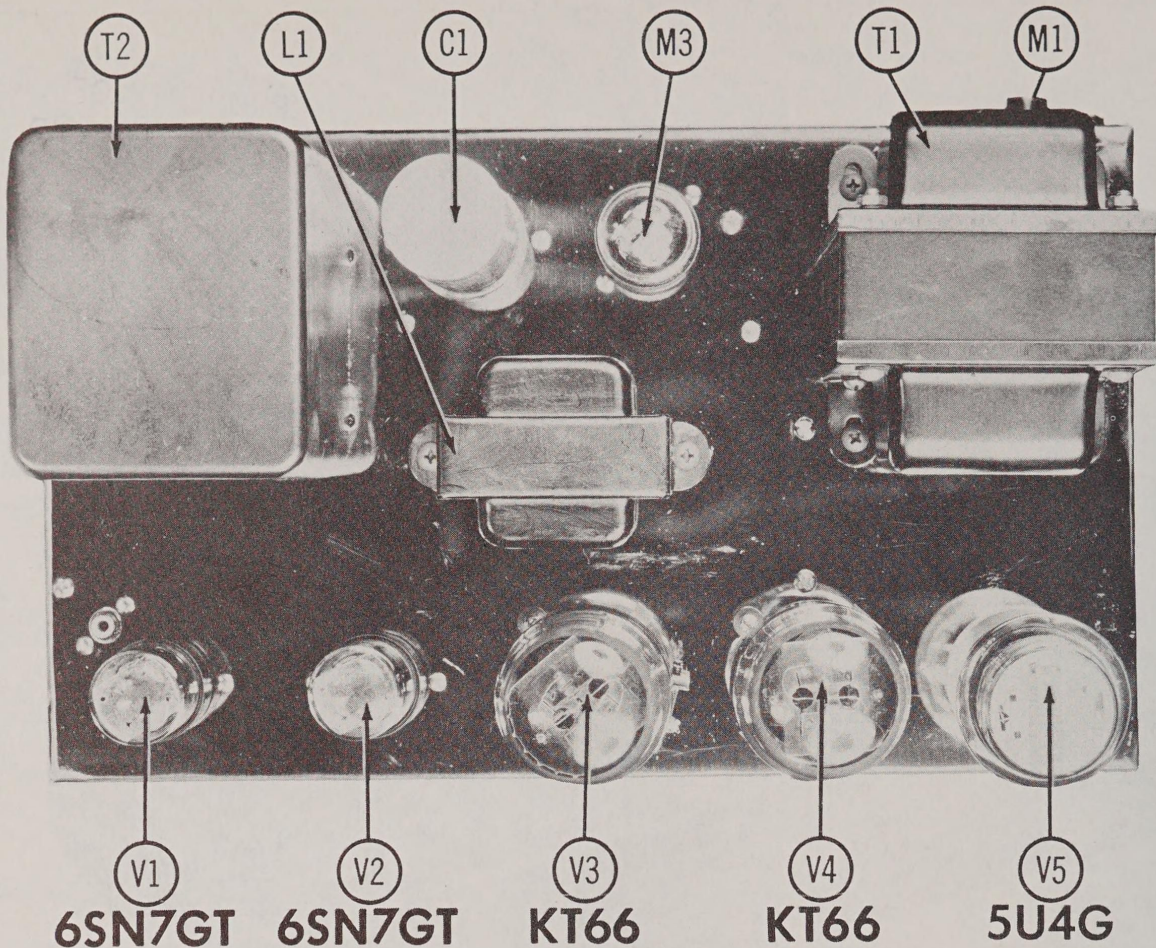
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PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA, GENERAL ELECTRIC, WESTINGHOUSE)

CRAFTSMEN
MODEL C-550

CHASSIS—TOP VIEW



CAPACITORS

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

ITEM No.	USE	REPLACEMENT DATA			NOTES
		CRAFTSMEN PART No.	STANDARD REPLACEMENT	RETMA BASE TYPE	
V1	A F Amplifier-Phase Inverter Driver	6SN7GTA	6SN7GTA	8BD	
V2	Output	6SN7GTA	6SN7GTA	8BD	
V3	Output	KT66	KT66	7S	
V4	Output	KT66	KT66	7S	
V5	Rectifier	5U4G	5U4G	5T	

ITEM No.	RATING		REPLACEMENT DATA						NOTES
	CAP.	VOLT	CRAFTSMEN PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	MALLORY PART No.	
C1A	40	500				[C041 BR850		FP495	
C1B	40	500							
C1C	48	500							
C1D	8	500							
C2	50	100							
C3	470	500		PRS150/50 1468-471		BR5015 5W5T47		TC49	TVA-1414
C4	.22	400		P488-22		CUB4P22		PT4022	4TM-P22
C5	.22	400		P488-22		CUB4P22		PT4022	4TM-P22
C6	.1	400		P488-1		CUB4P1		PT401	4TM-P1
C7	.1	400		P488-1	DF-104	CUB4P1		PT401	4TM-P1
C8	120	500		1468-121	DF-104	5W5T12		MCB236	
C9	.01	400		P488-01	DF-103	CUB4S1		GP2-333-103	4TM-S1

CONTROLS

ITEM No.	RATING RESISTANCE	WATTS	REPLACEMENT DATA				INSTALLATION NOTES
			CRAFTSMEN PART No.	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	
R1A	100K	2	233802	WK-100	A43-100	VK-121	Blas - wire wound
R2A	100K	2	Not Req.	Not Req.	Not Req.	Not Req.	Attach to R1A
R2B	100K	2	Not Req.	Not Req.	Not Req.	Not Req.	Balance - wire wound
R2C	100K	2	Not Req.	Not Req.	Not Req.	Not Req.	Attach to R2A

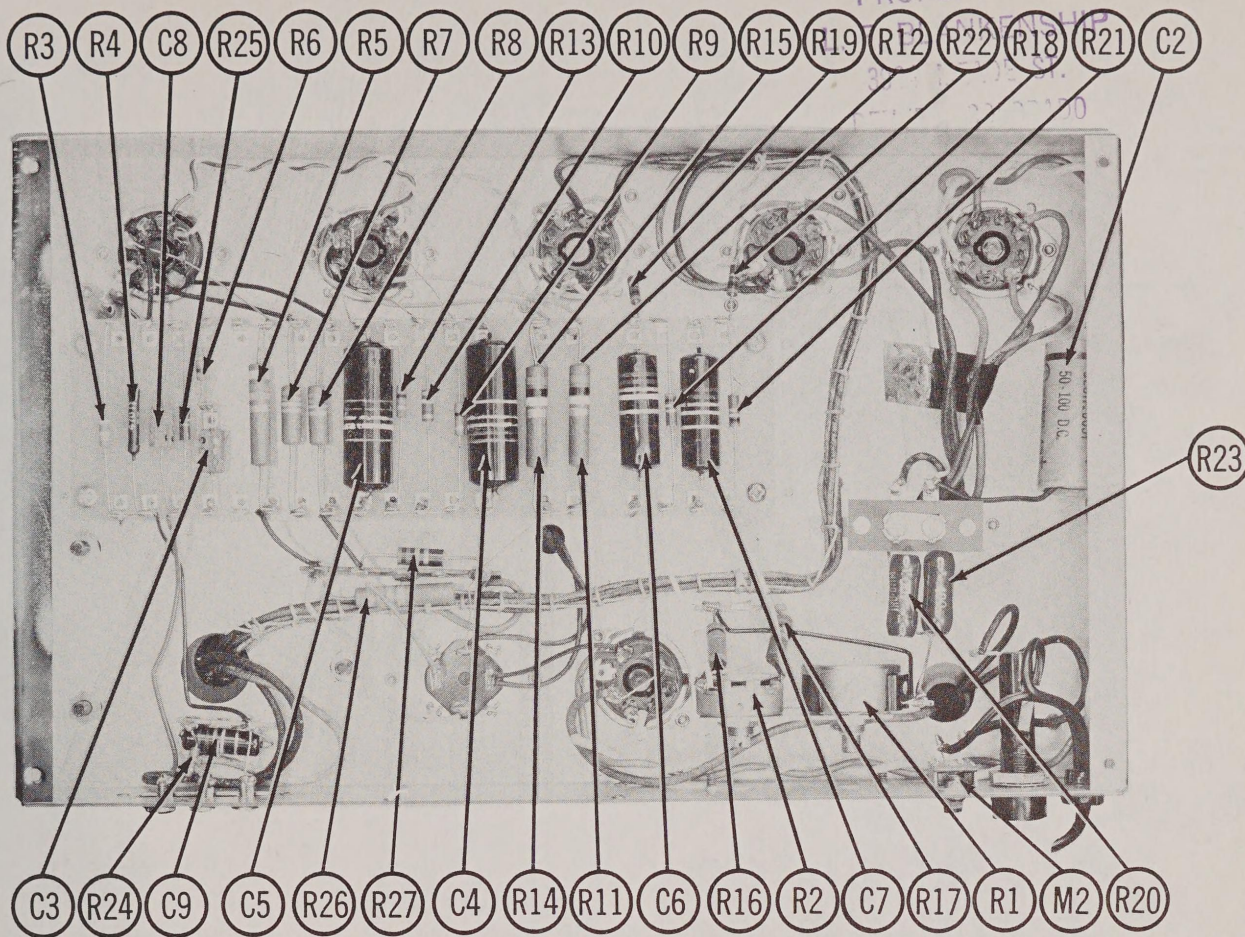
RESISTORS

ITEM No.	RATING OHMS	WATT	REPLACEMENT DATA			NOTES
			CRAFTSMEN PART No.	IRC PART No.	CLAROSTAT PART No.	
R3	470K	1/2				
R4	470K	1/2				
R5	470K	1/2				
R6	3000K	5%				
R7	22K	1				
R8	22K	1				
R9	1Meg	1				
R10	390K	1/2				
R11	100K	2				
R12	100K	2				
R13	1Meg	2				
R14	100K	2				
R15	100K	2				

Note 1. Items R7 and R8 must be matched within 1 % when replaced.
Note 2. Items R11 and R12 must be matched within 1 % when replaced.
Note 3. Items R14 and R15 must be matched within 1 % when replaced.
Note 4. Items R18 and R21 must be matched within 1 % when replaced.

PROPERTY OF

CHASSIS—BOTTOM VIEW



PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA			
	PRI.	SEC. 1	SEC. 2	CRAFTSMEN PART No.	Stancor PART No.	Merit PART No.	Thordarson PART No.
T1	117VAC ② .6A	820VCT .140ADC	5VAC ③ 3.35A	6.3VCT 3.64A		P-3155	P9402 ①

① Drill new mounting holes.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	REPLACEMENT DATA			NOTES
	IMPEDANCE	CRAFTSMEN PART No.	Stancor PART No.	
T2	6.1KΩ CT tap ③ 128ΩCT RES	A-8072 ①	H4103 ①	① Drill new mounting holes.

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			
	TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTANCE (10 CURRENT 1000 °C.)	CRAFTSMEN PART No.	Stancor PART No.	Merit PART No.	Thordarson PART No.
L1	.140ADC	138Ω	5.8 Hy.		C-1710 ①		C5027 ①

① Drill one new mounting hole.

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA			
			CRAFTSMEN PART No.	FUSE	HOLDER	BUSS PART No.
M1	3AG S/B	1-1/2A 125V		31301.5 (3AG S/B - 1-1/2A)	341001	MDL 1-1/2 HRP

MISCELLANEOUS

ITEM No.	PART NAME	CRAFTSMEN PART No.	NOTES
M2	Switch		
M3	Relay		On-off Thermo time delay

