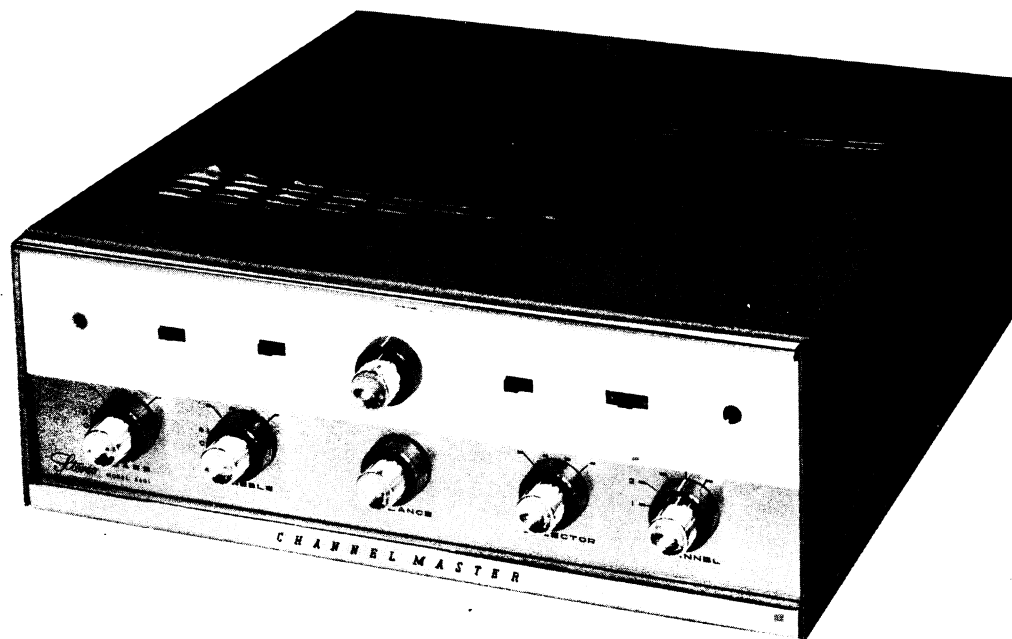


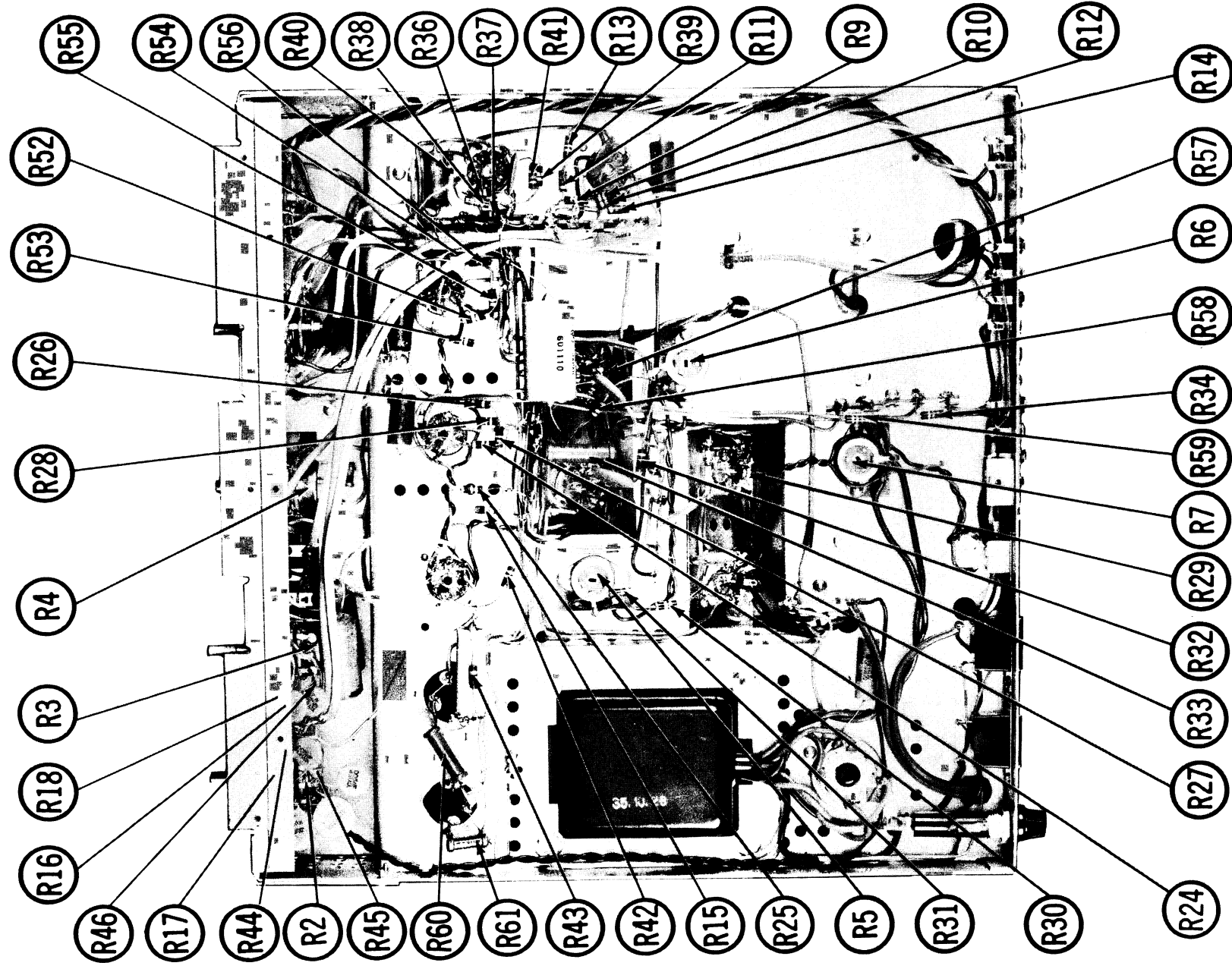
CHANNEL MASTER  
MODEL 6601CHANNEL MASTER  
MODEL 6601

TRADE NAME	Channel Master Model 6601		
SUPPLIER	Channel Master Corp., Ellenville, New York		
TYPE SET	AC Operated 10 Tube Stereo Amplifier		
POWER SUPPLY	110 - 120 Volts AC, 60 Cycles	RATING	230 Watts, 1.4 Amp. @117 Volts AC

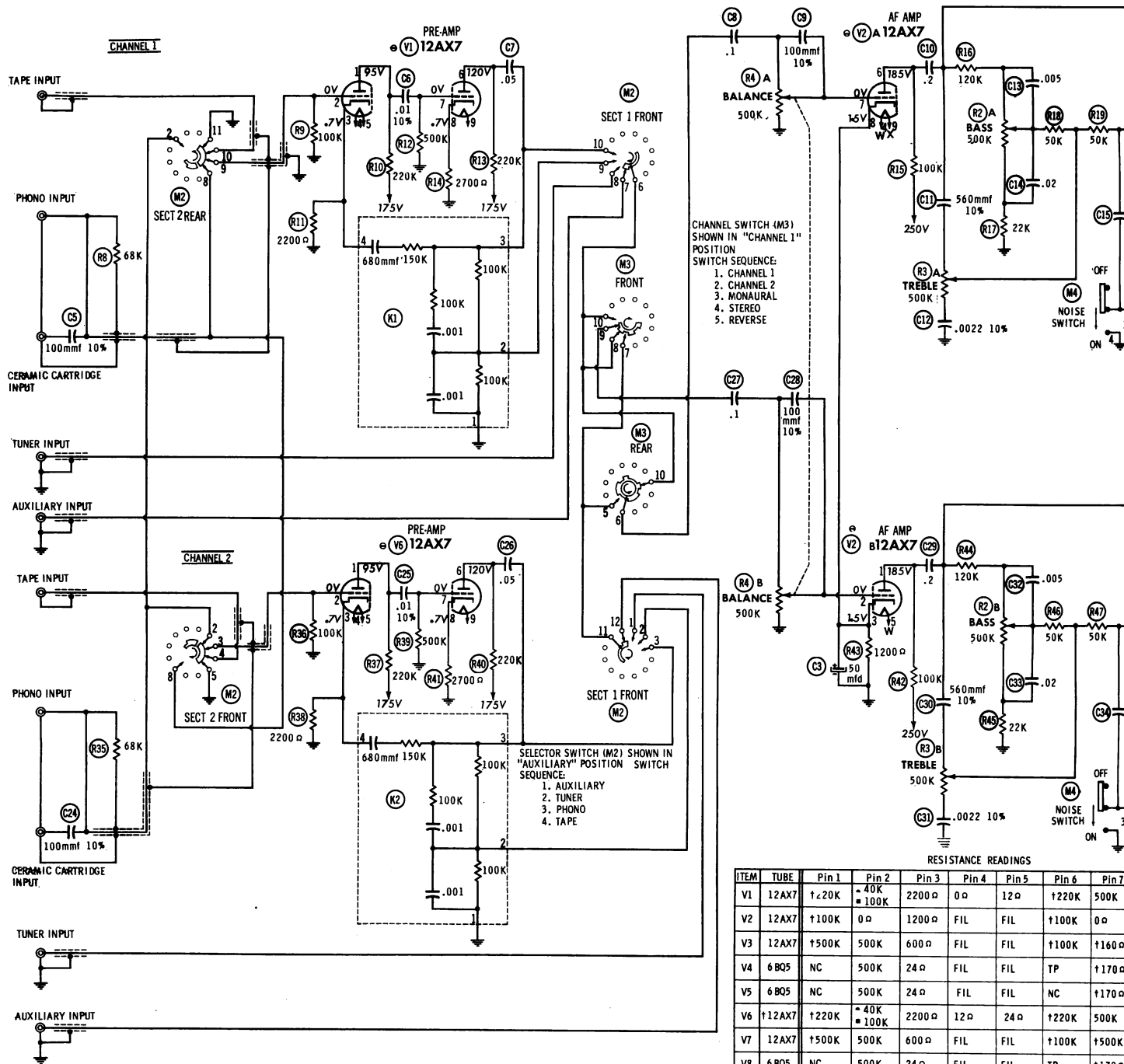
**HOWARD W. SAMS & CO., INC.** Indianapolis 6, Indiana

The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of LV338

the particular type of replacement part listed. Reproduction or use, without express permission, of editorial or pictorial content, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein. © 1962 Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. Printed in U.S. of America



CHASSIS BOTTOM VIEW - RESISTOR IDENT.



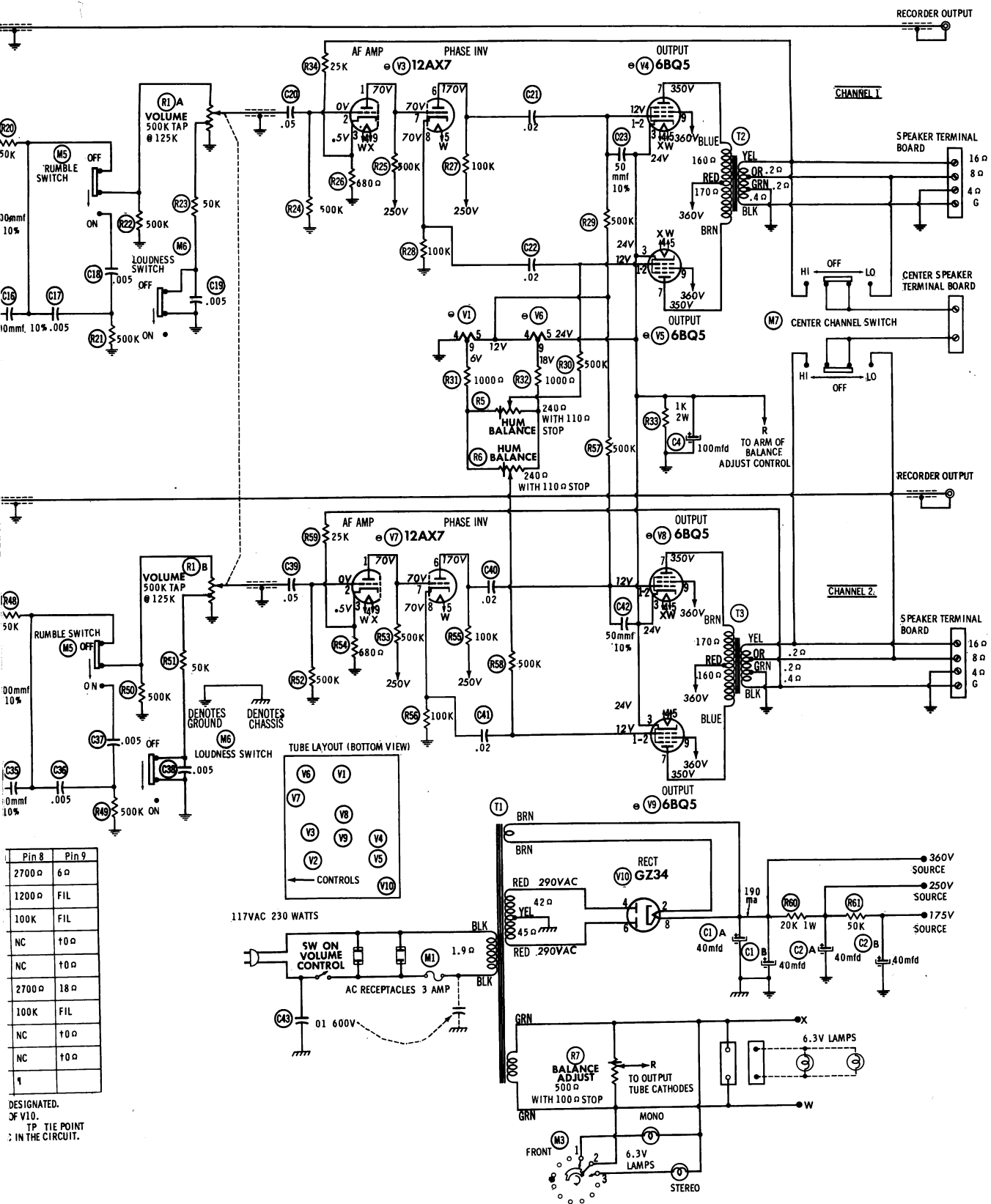
NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

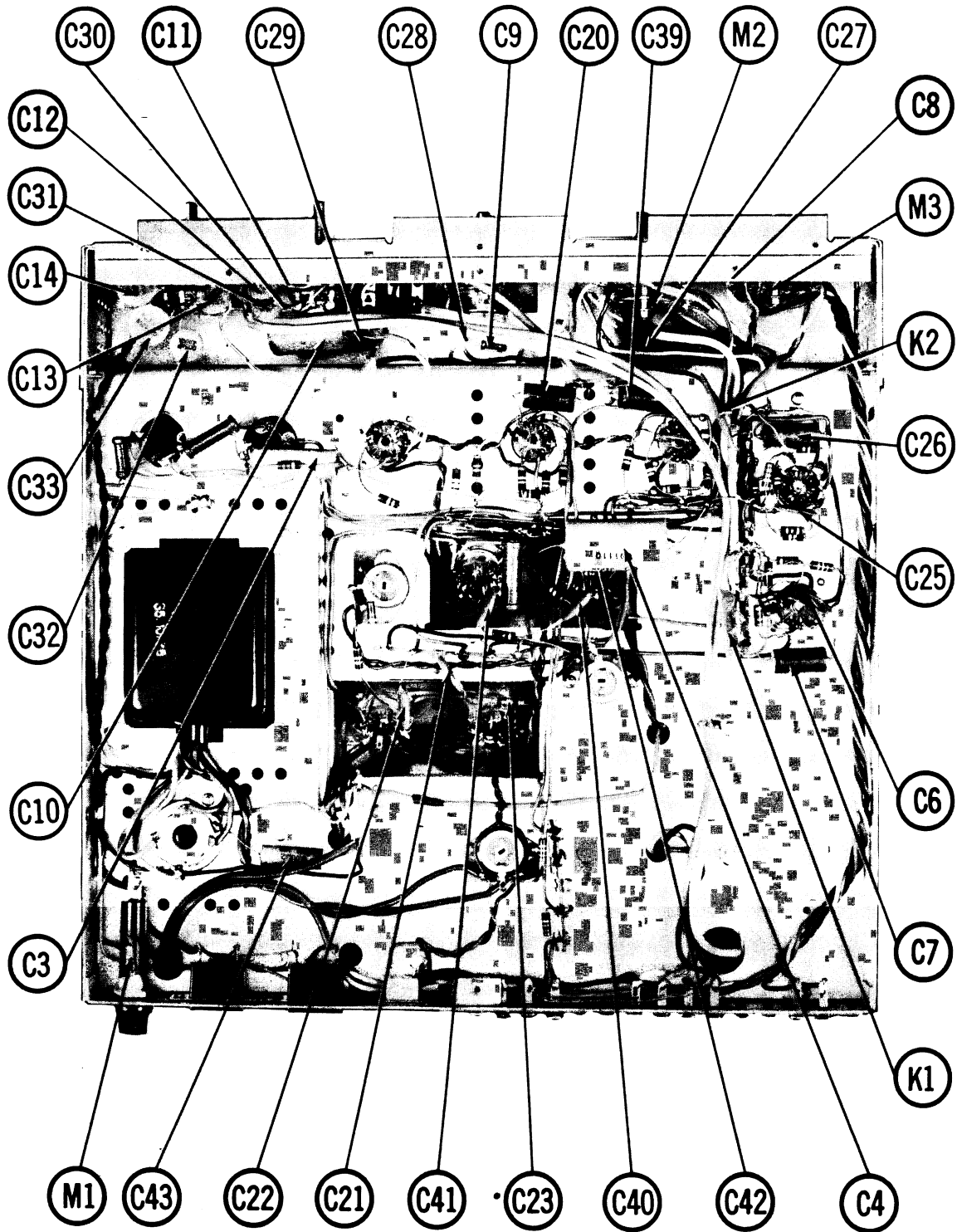
1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common ground.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance of component values makes possible a variation of ±15% in voltage and resistance readings.
6. All controls at minimum, proper output load connected.

A PHOTOFAC STANDARD NOTATION SCHEMATIC  
Howard W. Sams & Co., Inc. 1962

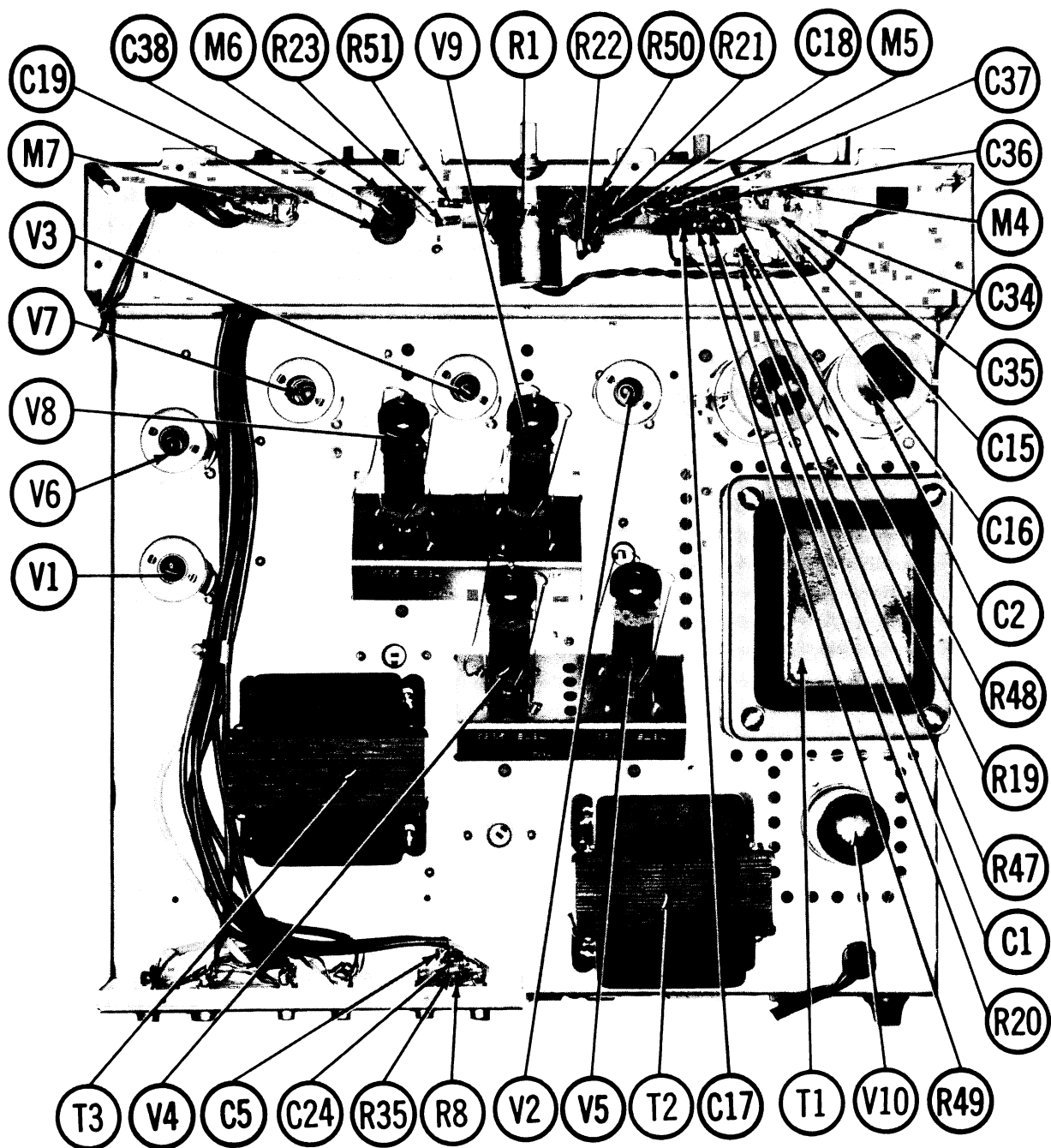
ALL MEASUREMENTS TAKEN IN "AUXILIARY CHANNEL 1" POSITION UNLESS OTHERWISE SPECIFIED.  
▲ MEASURED IN "PHONO" POSITION. † MEASURED FROM PIN 8  
■ MEASURED IN "TAPE" POSITION. NC NO CONNECTION  
† THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC



CHANNEL MASTER  
MODEL 6601



CHASSIS BOTTOM VIEW — CAPACITOR & MISC. IDENT.



CHASSIS — TOP VIEW

# PARTS LIST AND DESCRIPTIONS

## WIRING DATA

General-use Unshielded Hook-up Wire .....	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Power Cord .....	Use BELDEN No. 17108 (Plastic) or 17126 (Rubber) - 6 Ft. 17109 (Plastic) or 17129 (Rubber) - 9 Ft.
Power Cord (Interlock Type) .....	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)

## TUBES

AMPEREX			GENERAL ELECTRIC			RAYTHEON			SYLVANIA		
ITEM No.	USE		TYPE			ITEM No.	USE		TYPE		
V1	Channel 1 Preamp.		12AX7 (ECC83)*			V8	Channel 2 Preamp.		12AX7 (ECC83)*		
V2	Channel 1 AF Amp. -		12AX7 (ECC83)*			V7	Channel 2 AF Amp. -		12AX7 (ECC83)*		
V3	Channel 2 AF Amp. -		12AX7 (ECC83)*			V8	Phase Inverter		6BQ5 (EL84)*		
V4	Channel 1 AF Amp. -		12AX7 (ECC83)*			V9	Channel 2 Output		6BQ5 (EL84)*		
V5	Phase Inverter		6BQ5 (EL84)*			V10	Channel 2 Output		GZ34		
V4	Channel 1 Output		6BQ5 (EL84)*				Rectifier				
V5	Channel 1 Output		6BQ5 (EL84)*								

\* Alternate

## ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	Channel Master PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.
C1A	40	450	A600	AFH2-57	B0450	XC2-25	FP238	TMD-2650	TVL-2764
B	40	450							
C2A	40	450	A600	AFH2-57	B0450	XC2-25	FP238	TMD-2650	TVL-2764
B	40	450							
C3	50	25	A613	PR51265	BR50-25	QT1-15	TC29	TD-50-25	TVA-1206
C4	100	50	A614	PR51360	BR100-50	QT1-23	TC3501	TD-100-50	TVA-1310

## FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOPART No.	MALLORY PART No.	SPRAGUE PART No.
C5	100 10%		SI-1-100	D6-101	L10T1	CCD-101	GP310	10TS-T10
C6	.01 10%		DI-10000	DD-103		CCD-103	GP110	10TS-S10
C7	.05 400V		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-S50
C8	.1 400V		P488N-1		CUB4P1	4DP-3-104	GEM-401	4TM-P10
C9	100 10%		SI-1-100	D6-101	L10T1	CCD-101	GP310	10TS-T10
C10	.2 400V		P488N-2		CUB6P2	4DP-5-204	GEM-402	4TM-P20
C11	560 10%		DI-560	DD-561	L10T56	CCD-561	GP356	10TS-T56
C12	.0022 10%		DI-2200	DD-222	L10D22	CCD-222	GP222	10TS-D22
C13	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C14	.02		BPD-02	DD-203	BYB6S2	CCD-203	B-120	5HK-S20
C15	300 10%		SI-1-300	D6-301	L10T3	CCD-301	GP330	10TS-T30
C16	300 10%		SJ-1-300	D6-301	L10T3	CCD-301	GP330	10TS-T30
C17	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C18	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C19	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C20	.05 400V		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-S50
C21	.02		BPD-02	DD-203	BYB6S2	CCD-203	B-120	5HK-S20
C22	.02		BPD-02	DD-203	BYB6S2	CCD-203	B-120	5HK-S20
C23	50 10%		SI-1-50	D6-500	L10Q5	CCD-500	GP450	10TS-Q50
C24	100 10%		SI-1-100	D6-101	L10T1	CCD-101	GP310	10TS-T10
C25	.01 10%		DI-10000	DD-103		CCD-103	GP110	10TS-S10
C26	.05 400V		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-S50
C27	.1 400V		P488N-1		CUB4P1	4DP-3-104	GEM-401	4TM-P10
C28	100 10%		SI-1-100	D6-101	L10T1	CCD-101	GP310	10TS-T10
C29	.2 400V		P488N-2		CUB6P2	4DP-5-204	GEM-402	4TM-P20
C30	560 10%		DI-560	DD-561	L10T56	CCD-561	GP356	10TS-T56
C31	.0022 10%		DI-2200	DD-222	L10D22	CCD-222	GP222	10TS-D22
C32	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C33	.02		BPD-02	DD-203	BYB6S2	CCD-203	B-120	5HK-S20
C34	300 10%		SI-1-300	D6-301	L10T3	CCD-301	GP330	10TS-T30
C35	300 10%		SI-1-300	D6-301	L10T3	CCD-301	GP330	10TS-T30
C36	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C37	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C38	.005		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50
C39	.05 400V		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-S50
C40	.02		BPD-02	DD-203	BYB6S2	CCD-203	B-120	5HK-S20
C41	.02		BPD-02	DD-203	BYB6S2	CCD-203	B-120	5HK-S20
C42	50 10%		SI-1-50	D6-500	L10Q5	CCD-500	GP450	10TS-Q50
C43	.01 600V		P699N-01	DD-103	CUB6S1	6DP-2-103	GEM-601	6TM-S10

## CONTROLS

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

ITEM No.	USE	RESIST-ANCE	REPLACEMENT DATA				
			Channel Master PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS - IRC PART No.	MALLORY PART No.
RIA	Volume, 2	500K, 125K Tap	E605	BT-66, STR-66			FB55T154, RU55T154, CS3500
B	Volume, 1 & Switch	500K, 125K Tap					
R2A	Bass, 1	500K	E606				
B	Bass, 2	500K					
R3A	Treble, 1	500K	E606				
B	Treble, 2	500K					
R4A	Balance, 1	500K	E607	B-59, SR-59	AD47-500K-S, KSS-3		FB55L, RU55L, CS3500
B	Balance, 2	500K					
R5	Hum Balance	240Ω, 110Ω Stop	E608				
R6	Hum Balance	240Ω, 110Ω Stop	E608				
R7	Balance Adjust	500Ω, 100Ω Stop	E609				

CHANNEL MASTER  
MODEL 6601

FOLDER 6

# PARTS LIST AND DESCRIPTIONS (Continued)

## RESISTORS

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

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	REMARKS			IRC PART No.	WORKMAN PART No.	REMARKS
R8	68K				R35	68K			
R9	100K				R36	100K			
R10	220K				R37	220K			
R11	2200Ω				R38	2200Ω			
R12	500K				R39	500K			
R13	220K				R40	220K			
R14	2700Ω				R41	2700Ω			
R15	100K				R42	100K			
R16	120K				R43	1200Ω			
R17	22K				R44	120K			
R18	50K				R45	22K			
R19	50K				R46	50K			
R20	50K				R47	50K			
R21	500K				R48	50K			
R22	500K				R49	500K			
R23	50K				R50	500K			
R24	500K				R51	50K			
R25	500K				R52	500K			
R26	680Ω				R53	500K			
R27	100K				R54	680Ω			
R28	100K				R55	100K			
R29	500K				R56	100K			
R30	500K				R57	500K			
R31	1000Ω				R58	500K			
R32	1000Ω				R59	25K			
R33	1000Ω 2W				R60	20K 1W			
R34	25K				R61	50K			

## TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	Channel Master PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	
T1	117V @ 1.4A	525VCT @ .190A DC	5V @ 1.8A	C600					
	SEC. 3	SEC. 4	SEC. 5						
	6.3V @ 3.8A								

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	Channel Master PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	
T2	6400Ω CT	16Ω Tap @ 8Ω, 4Ω	C601					
T3	6400Ω CT	16Ω Tap @ 8Ω, 4Ω	C601					

## COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	Channel Master PART No.	REPLACEMENT DATA
K1	Tone-Feedback Net.	680mmf, (2) .001mfd, (3) 100K, 150K		
K2	Tone-Feedback Net.	680mmf, (2) .001mfd, (3) 100K, 150K		

## FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			Channel Master PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
M1	3AG	3A		F611	312003	342001	AGC 3	HKP

## MISCELLANEOUS

ITEM No.	PART NAME	Channel Master PART No.	NOTES
M2	Switch	E611	Selector (2 Sections, Rotary Wafer Type) Channel (1 Section, Rotary Wafer Type) Noise (Slide Type, DPDT) Rumble (Slide Type, DPDT) Loudness (Slide Type, DPDT) Center Channel L0-Hi (Slide Type, DP 3 Positions)
M3	Switch	E610	
M4	Switch	E612	
M5	Switch	E612	
M6	Switch	E612	
M7	Switch	E613	

## CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	PART NO.	DESCRIPTION
Knob	E603	Outer
Knob	E604	
Cabinet	G601	Center, Complete
Front Panel	G608	Complete
Dressing Panel	G603	