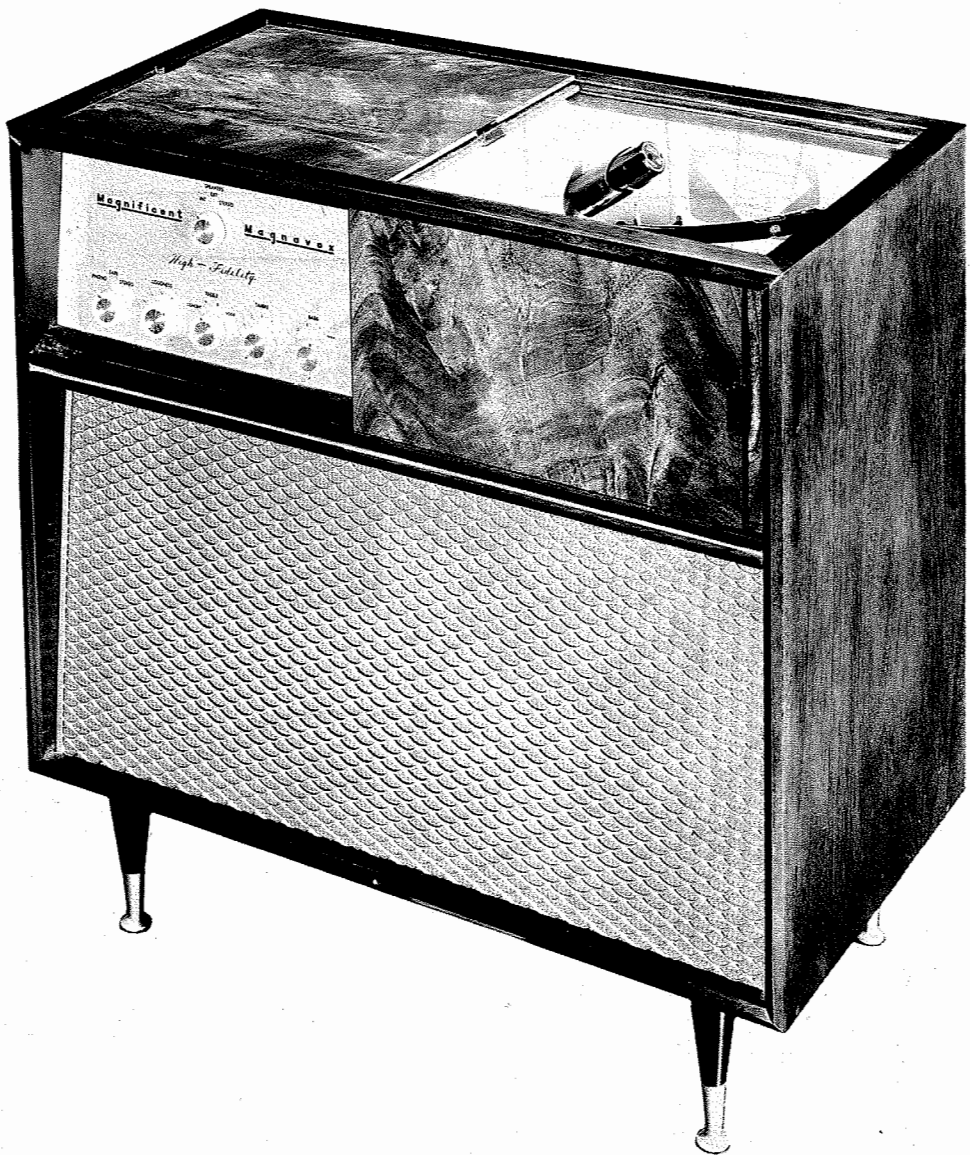




**MAGNAVOX CHASSIS AMP-175AA,
BB, CC, DD, EE, FF**

**MAGNAVOX CHASSIS AMP-175AA,
BB, CC, DD, EE, FF**



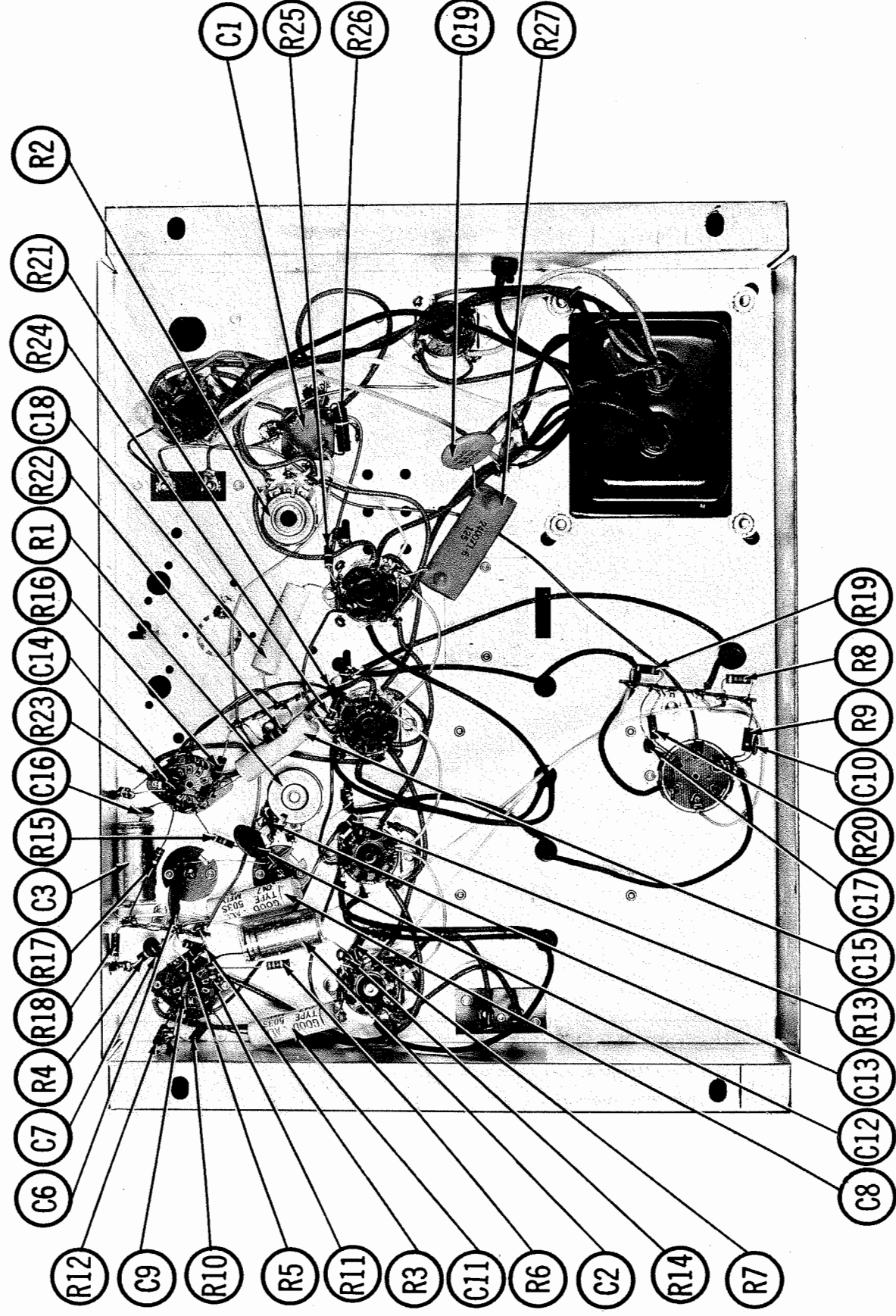
**MAGNAVOX CHASSIS AMP-175AA,
BB, CC, DD, EE, FF**

TRADE NAME	Magnavox Chassis AMP-175AA, AMP-175BB, AMP-175CC, AMP-175DD, AMP-175EE, AMP-175FF		
MANUFACTURER	Magnavox Co., 2131 Bueter Road, Fort Wayne 4, Indiana		
TYPE SET	AC Operated 7 Tube Stereo Amplifier		
POWER SUPPLY	110-120 Volts AC, 60 Cycles	RATING	110 Watts, 1.05 Amp. @ 117 Volts AC (AMP-175FF)

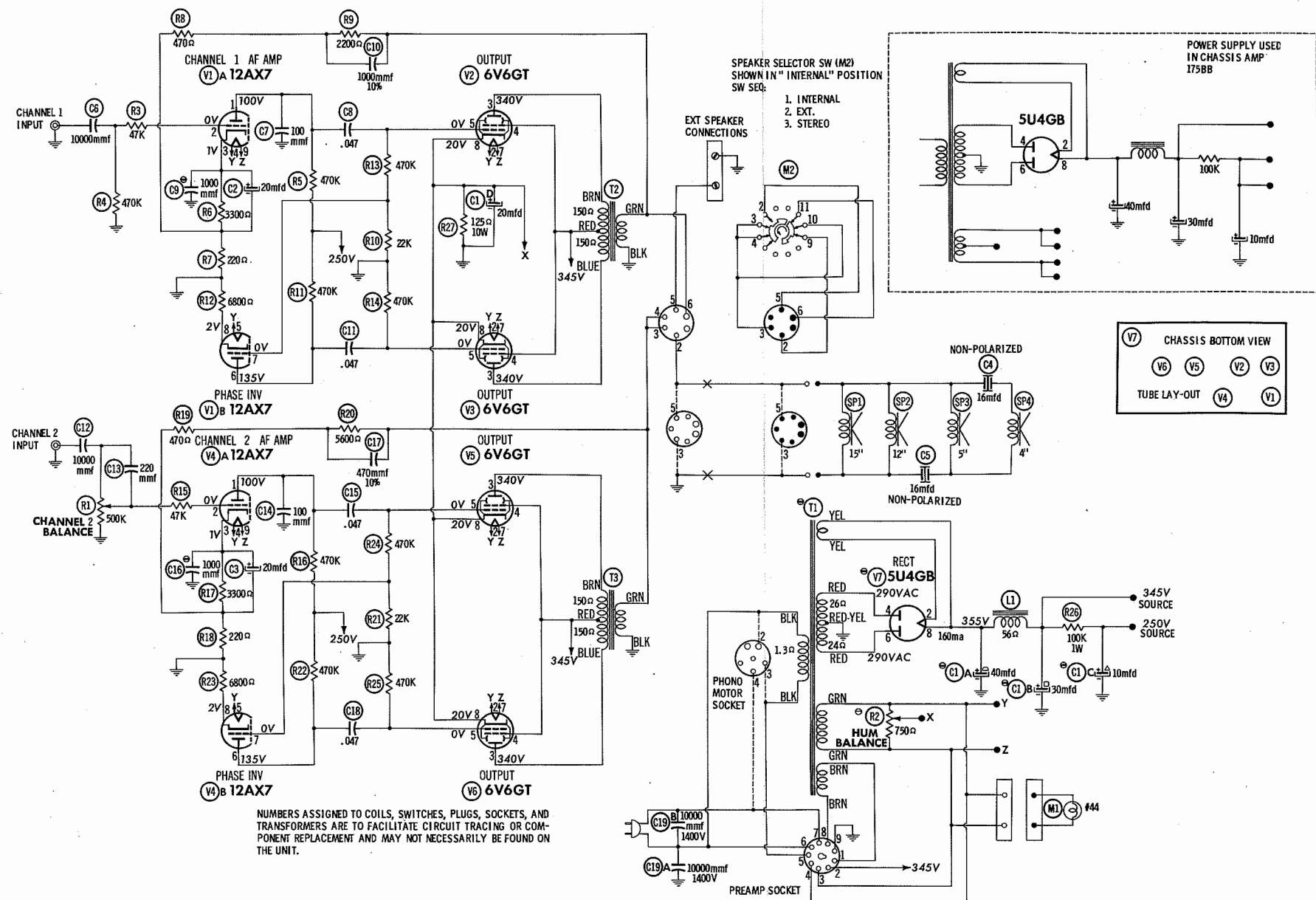
HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

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 J83

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CHASSIS BOTTOM VIEW



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.

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	12AX7	1570K	520K	3500Ω	350Ω	350Ω	1570K	22K	6800Ω	350Ω
V2	6V6GT	NC	350Ω	1200Ω	156Ω	490K	TP	350Ω	125Ω	
V3	6V6GT	NC	350Ω	1200Ω	156Ω	470K	TP	350Ω	125Ω	
V4	12AX7	1570K	47K	3500Ω	350Ω	350Ω	1570K	22K	6800Ω	350Ω
V5	6V6GT	NC	350Ω	1200Ω	156Ω	490K	TP	350Ω	125Ω	
V6	6V6GT	NC	350Ω	1200Ω	156Ω	470K	NC	350Ω	125Ω	
V7	5U4GB	NC	1	NC	26Ω	NC	24Ω	NC	1	

1 THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
MEASURED FROM PIN 2 OF V7.
NC NO CONNECTION.
TP TIE POINT.

SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

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

PARTS LIST AND DESCRIPTIONS
TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE	NOTES
V1	Chan. 1 AF Amp. -Phase Inv.	12AX7	
V2	Chan. 1 Output	6V6GT	
V3	Chan. 1 Output	6V6GT	
V4	Chan. 2 AF Amp. -Phase Inv.	12AX7	

① Two 5Y3GT tubes used in AA, CC versions.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	MAGNAVOX PART No.	AEROVOX PART No.	CORNEILL-DUBILIER PART No.	PYRAMID PART No.	SPRAGUE PART No.	NOTES
C1A	40	450	27002L-56 ①	AFH4-78	D0640	FM439	TMQ-92	TVL-4734
C7	100	450						
C8	100	450						
C9	1000	450						
C10	1000	450						
C11	1000	450						
C12	1000	450						
C13	20	25	270027-38	PRSS0V20	BBR20-25	TT25X20	TD-20-150	TVA-1410
C2	20	25	270027-38	PRSS0V20	BBR20-25	TT25X20	TD-20-150	TVA-1410
C3	20	25	270027-38	PRSS0V20	BBR50-25	TCN2516	TD-20-150	TVAAS-1204.3*
C4	16	25NP	270040-4	NP-PRSS0V20	BBR50-25 †	TCN2516	TVAS-1204.3*	
C5	16	25NP	270040-4	NP-PRSS0V20	BBR50-25 †	TCN2516	TVAS-1204.3*	