



TRADE NAME	Don McGohan Model MG-7
MANUFACTURER	Don McGohan, Incorporated, 3700 W. Roosevelt Rd., Chicago 24, Ill.
TYPE SET	AC Operated 2 Channel Audio Amplifier
TUBES (Three)	Types 6SC7 Pre-Amp., 6L6G Audio Output, 5Y3GT Rect.
POWER SUPPLY	110-120 Volts AC-60° Cycle
RATING	.54 Amp. @ 117 Volts AC

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FOLDER 7



A PHOTOFACT STANDARD NOTATION SCHEMATIC
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RESISTANCE READINGS									
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V 1	8SC7	0Ω	† 500KΩ	10Meg	10Meg	† 500KΩ	0Ω	1Ω	1Ω
V 2	616G	0Ω	1Ω	† 745Ω	† 10KΩ	470KΩ	INF	1Ω	250Ω
V 3	5352T	INF	100KΩ	INF	182Ω	INF	170Ω	INF	180KΩ

† MEASURED FROM PIN 2 OF V3.

1. DC voltage measurements are at 20,000 ohms per volt; AC voltages measured at 1000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of a 15% in voltage and resistance readings.
6. All controls at minimum, proper output load connected.

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		RTMA BASE TYPE	INSTALLATION NOTES
		Don McGohan Part No.	STANDARD REPLACEMENT		
V1	Pre-Amplifier	6SC7	6SC7	8S	
V2	Audio Output	6L6G	6L6G	7S	
V3	Rectifier	5Y3GT	5Y3GT	5T	

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.	RATING CAP.	VOLT	REPLACEMENT DATA				NOTES
			Don McGohan Part No.	AEROVOX Part No.	CENTRALAB Part No.	CORNELL-DUBIER Part No.	
C1A	.30	450		AFB4-49		D055	
C1B	.20	450					
C1C	.20	450					
C1D	.20	25					
C2	10000						
C3	.02	600					
C4	5000						
C5	5000						
C6	.02	600					

CONTROLS

ITEM No.	RATING RESIST.	WATTS	REPLACEMENT DATA				INSTALLATION NOTES
			Don McGohan Part No.	IRC Part No.	CLAROSTAT Part No.	CENTRALAB Part No.	
R1A	500KΩ	1/2					
R2A	500KΩ	1/2					
R3A	500KΩ	1/2					
R4	10Meg						
R5	500KΩ						
R6	100KΩ						
R7	500KΩ						
R8	10Meg						
R9	500KΩ						

RESISTORS

ITEM No.	RATING OHMS	WATT	REPLACEMENT DATA		NOTES
			Don McGohan Part No.	IRC Part No.	
R10	10Meg				
R11	500KΩ				
R12	100KΩ				
R13	10Meg				
R14	500KΩ				

PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (POWER)

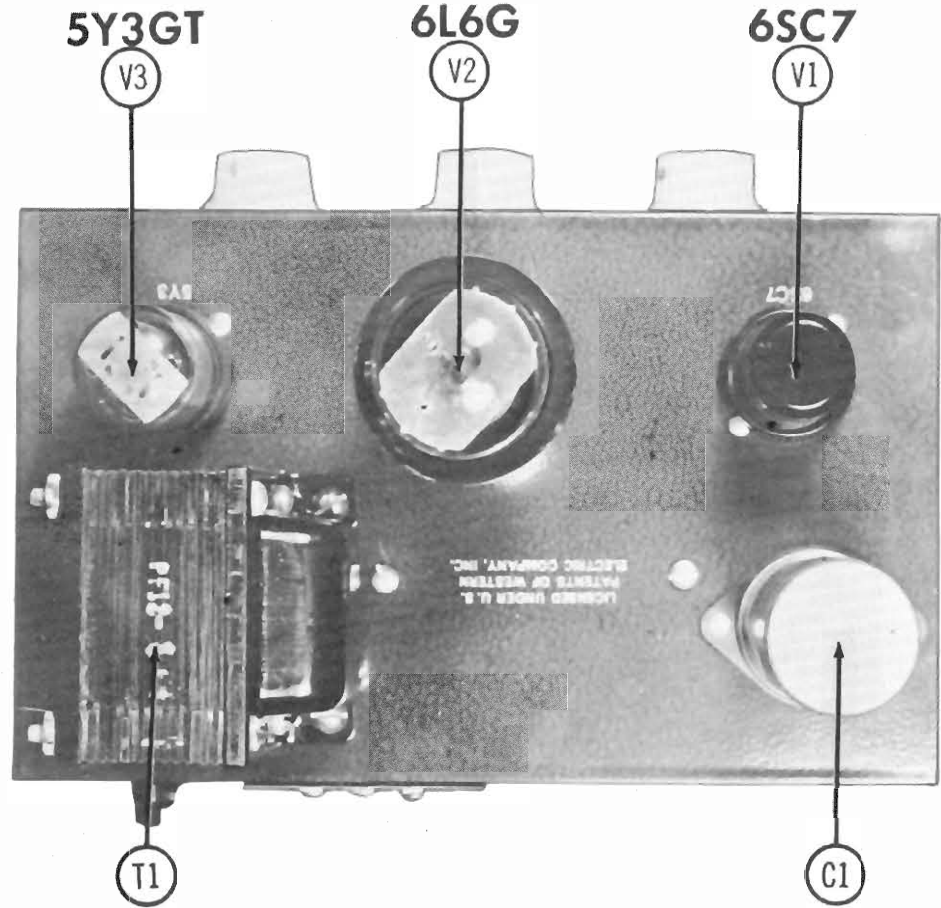
ITEM No.	RATING				REPLACEMENT DATA				
	PRI.	SEC. 1	SEC. 2	SEC. 3	Don McGohan PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	TRIAD PART No.
T1	117VAC (@ .54A	650VCT 5VAC	6.3VAC 2A	6.3VAC (@ 1.5A		PC-8408	P-31EU	PV-70	R-11A

(@ Drill new mounting holes.

① Drill new mounting holes.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	IMPEDANCE PRI. SEC.	DC RES. PRI. SEC.		Don McOrhan PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	TRIAD PART No.	
T2	8.8KΩ 80 tap 3.4Ω	495Ω tap 3.4Ω			A3825		R0-401	S-28X	① Drill one new mounting hole.



CHASSIS—BOTTOM VIEW

