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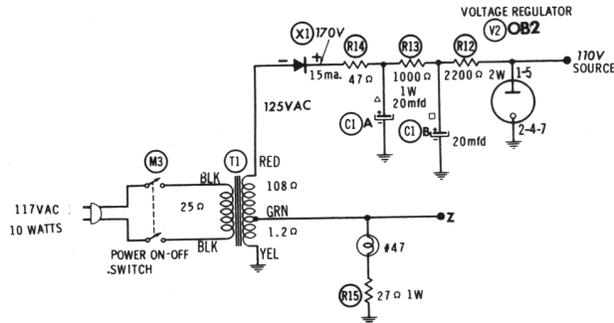
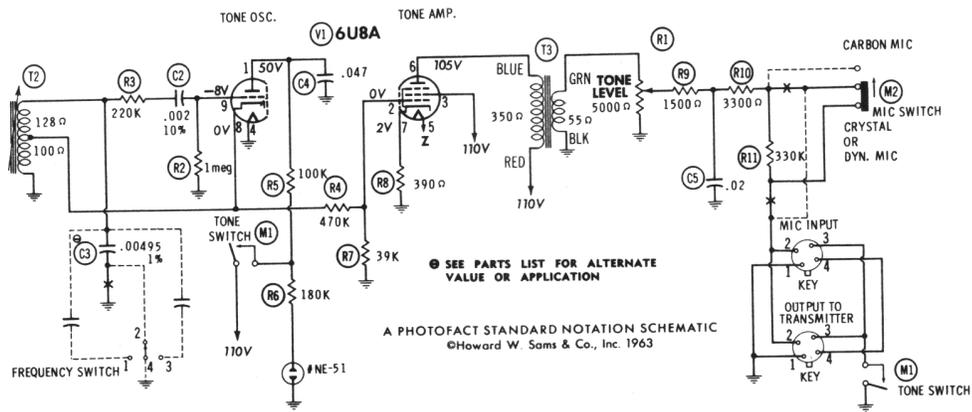


PHOTOFACT[®]



TRADE NAME : Monitoradio Model TG-1
 SUPPLIER : Regency Electronics, Inc.
 7900 Pendleton Pike, Indianapolis, Ind.
 TYPE SET : 2 Tube Tone Generator
 POWER SUPPLY : 110 - 120 Volts AC, 60 Cycles
 RATING : 10 Watts, .1 Amp. @ 117VAC

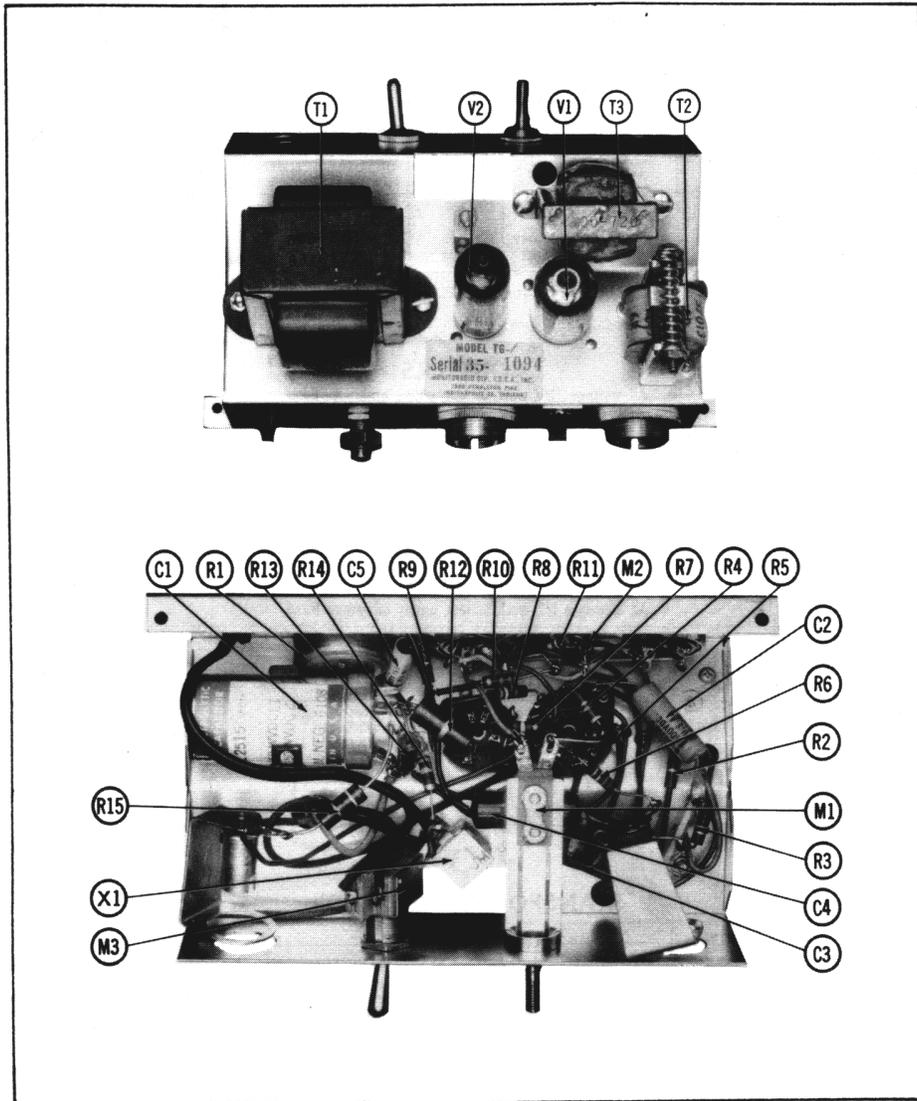
MONITORADIO MODEL TG-1



Pin	V1	V2
No.	6U8A	OB2
1	†100K	†3200Ω
2	39K	0Ω
3	†3200Ω	NC
4	FIL	0Ω
5	FIL	†3200Ω
6	†3550Ω	NC
7	390Ω	0Ω
8	100Ω	
9	1meg	

ALL READINGS MADE WITH TONE SWITCH ON.
 † MEASURED FROM OUTPUT OF X1.
 NC NO CONNECTION

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



PARTS LIST AND DESCRIPTION

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. 17106 (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		RCA		RAYTHEON		SYLVANIA ♦	
ITEM No.	USE	TYPE		ITEM No.	USE	TYPE			
V1	Tone Osc. - Tone Amp.	6U8A		V2	Voltage Regulator	OB2			

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS			NOTES
			MALLORY PART No.	RCA PART No.	SARKES TARZIAN PART No.	
X1	.015A	1263A †	A200*	IN3194 *	50A †	HV Rectifier † Selenium * Silicon

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	Monitoradio PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.
C1A B	▲ 20 ■ 20	250 250	300-773-1	AFH2-26	B0210	XC2-13	FP217	TMD2235	TVL-2515

PARTS LIST AND DESCRIPTION (CONTINUED)

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C2	.002 10% 600V	Note 1	BE6D2	DD-182	PM6D2	6DP-1-202	PVC-622	6TM-D20
C3	.00495 %		P288N-047	DD-503	PM2S47	4DP-3-473	PVC-2147	2TM-S47
C4	.047 200V		P288N-02	DD-203	PM2S2	1DP-1-203	PVC-212	2TM-S20
C5	.02 100V							

Note 1. Factory Selected for 1500 CPS (.00775 % for 1200 CPS. .0034 % for 1800 CPS).

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			Monitoradio PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Tone Level	5000Ω		ASF5-502-U			

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
R2	1meg				R9	1500Ω			
R3	220K				R10	3300Ω			
R4	470K				R11	330K			
R5	100K				R12	2200Ω 2W			
R6	180K				R13	1000Ω 1W			
R7	39K				R14	47Ω			
R8	390Ω				R15	27Ω 1W			

TRANSFORMER (POWER)

ITEM No.	RATING		REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	Monitoradio PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	117VAC @ .1A	130 VAC @ .015ADC Tap @ 6.3VAC @ .46A	300-272					

TRANSFORMER (TONE)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
	PRI.	SEC.	Monitoradio PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	1.1	1	57013-6					

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	Monitoradio PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	
T3	5000Ω	520Ω	300-720					

MISCELLANEOUS

ITEM No.	PART NAME	Monitoradio PART No.	NOTES
M1	Switch	(3004)	Tone
M2	Switch	(SS32)	Mic (SPDT Slide Type)
M3	Switch	(20902-DN)	Power On-Off (DPDT Toggle Type)

CABINETS & CABINET PARTS

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

NAME	PART NO.	DESCRIPTION
Knob	S-453-29	Black
Cabinet	500-397-1	