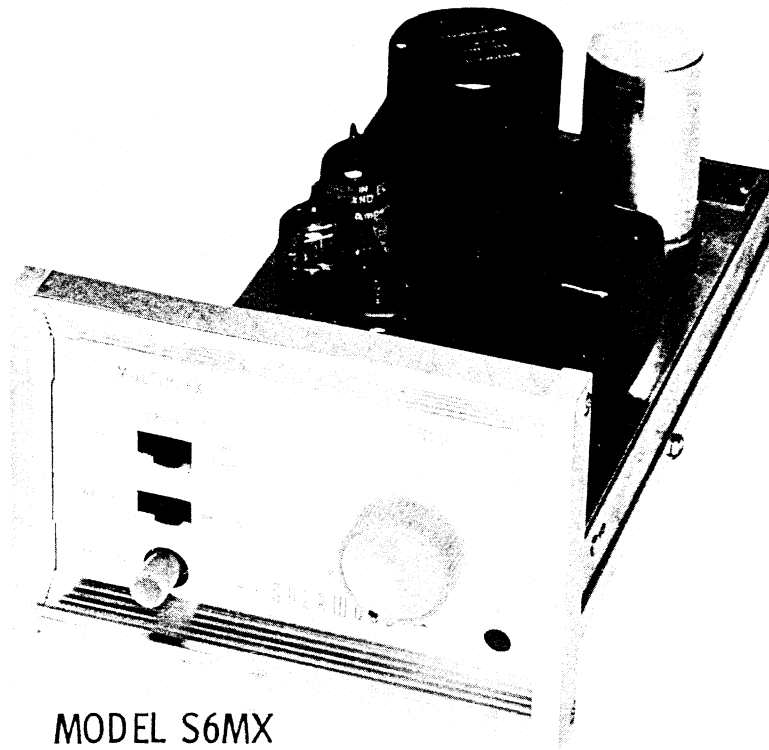


**SHERWOOD MODELS
S2MX, S4MX, S6MX, SWMX**

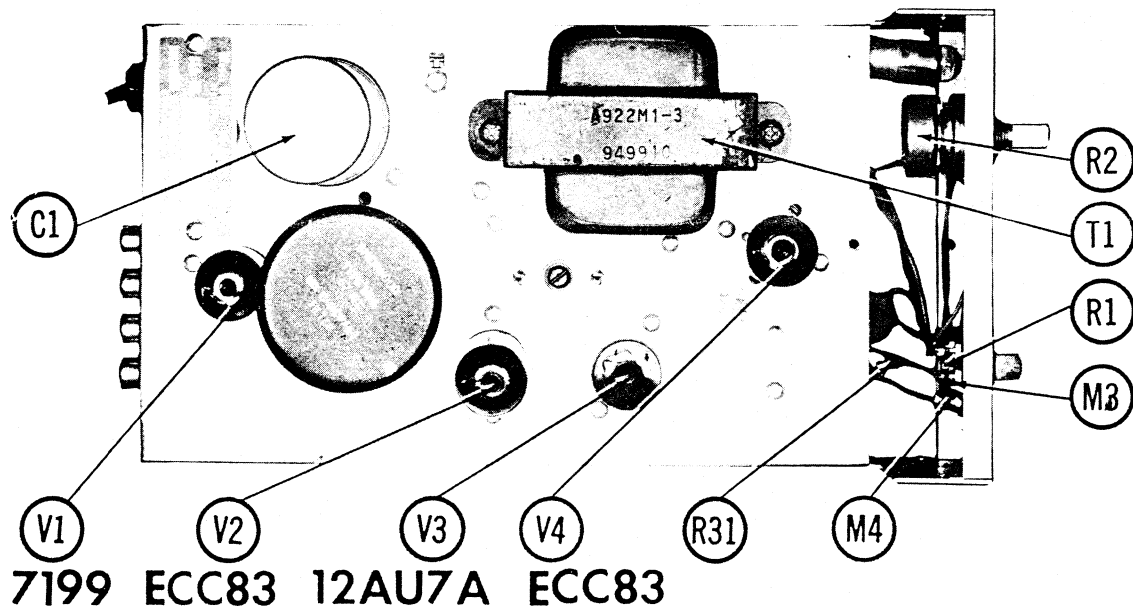
**SHERWOOD MODELS
S2MX, S4MX, S6MX, SWMX**



MODEL S6MX

TRADE NAME	Sherwood Models S2MX, S4MX, S6MX, SWMX		
MANUFACTURER	Sherwood Electronic Laboratories, Inc., 4300 N. California Ave., Chicago 18, Illinois		
TYPE SET	AC Operated 4 Tube Multiplex Adapter		
POWER SUPPLY	110 - 125 Volts AC, 60 Cycles	RATING	16 Watts, 15 Amp. @ 117 Volts AC

**SHERWOOD MODELS
S2MX, S4MX, S6MX, SWMX**



PARTS LIST AND DESCRIPTIONS

TUBES

GENERAL ELECTRIC • RAYTHEON • SYLVANIA •			
ITEM No.	USE	TYPE	TYPE
V1	Sub Carrier Cath. Follower	7199	
V2	Sub Carrier Amplifier	ECC83/12AX7	
V3	Sub Carrier Amplifier		12A U7A
V4	Squelch Amp. -Matrix Amp		ECC83/12AX7

RESISTORS (IRC or EQUIVALENT)
All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R5	470K		R17	1200Ω		R29	47K	
R6	100K		R18	100K		R30	47K	
R7	1200Ω		R19	47K		R31	47K	
R8	2200Ω		R20	47K		R32	22K	
R9	47K		R21	47K		R33	68Ω	
R10	33K		R22	100K		R34	47K	
R11	1200Ω		R23	1meg		R35	120K	
R12	470K		R24	270K		R36	680Ω	
R13	6800Ω		R25	470K		R37	680Ω	
R14	22K		R26	22K		R38	3.3Ω 1W	
R15	12K		R27	1meg				
R16			R28					

ELECTROLYTIC CAPACITORS

REPLACEMENT DATA							
ITEM No.	RATING	SHERWOOD PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLOY PART No.	PYRAMID PART No.	SPRAGUE PART No.
C1A	60 200 200		AFH3-25-50	B0190	FP250	TMD2205	TVLS-3485.5*
C	40 200			BR4025	TC68	TD-40-250	

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

FIXED CAPACITORS

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

REPLACEMENT DATA							
ITEM No.	RATING	REMARKS	AEROVOX PART No.	CORNELL-DUBILIER PART No.	ELENGO PART No.	MALLOY PART No.	SPRAGUE PART No.
C2	180		DI-180	DD-181	CCD-181	GP318	10TS-T18
C3	1000		BPD-001	DD-102	CCD-102	GP210	5HK-D10
C4	20000		BPD-02	DD-203	CCD-203	GP120	5HK-S20
C5	50000		BPD-05	DD-503		GP150	5HK-S50
C6	180		DI-180	DD-181	CCD-181	GP318	10TS-T18
C7	150 5%			DTZ-150		CNO-315	10TCC-T15
C8	.47 200V		P288N-47	CUB2P47	2DP-5-474	GEM-2047	27TM-P47
C9	.047 400V 10%		V84C4S47-10%	DD-271	CCD-271	GP327	47TM-S47
C10	270 10%			DD-681	CCD-681	GP368	10TS-T68
C11	680 10%		DI-680	DD-503	CCD-103	GP150	5HK-S50
C12	50000	50V	BPD-05	DD-103	CCD-391	GP339	5HK-T39
C13	10000		BPD-01	DD-391	CUB2P15	GEM-2015	27TM-P15
C14	390		DI-390		2DP-3-154	GEM-2015	27TM-P15
C15	.15 200V		P288N-15	CUB2P15	3CCD-202	UAC-220	30GA-D20
C16	.15 200V		P288N-15	CUB2P15	3CCD-202	UAC-220	30GA-D20
C17	2000 14000V		DAC-3	DD30-204	HVC18D2		
C18	2000 14000V		DAC-3	DD30-204	HVC18D2		

CONTROLS

RATING		REPLACEMENT DATA				INSTALLATION NOTES	
ITEM No.	RESISTANCE	SHERWOOD PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLOY PART No.	
R1	500K	A670M2					MX Level
R2A	100K	A670M1					Balance A
R3A	500K	A670M3					Balance B
R4	3000Ω		TT-8 Not Req.	B47-3000-S Not Req.	BU-112 TMA 112-3000	SU-8 Not Req. FL3K	MX Frequency
R4	3000Ω		2(V W)				Mute Adjust

TRANSFORMER (POWER)

RATING		REPLACEMENT DATA				NOTES	
ITEM No.	PRI. SEC. 1 SEC. 2	SHERWOOD PART No.	Mech. PART No.	Stancor PART No.	Thorndoren PART No.	Triad PART No.	
T1	117V @ .15A 110V @ .100A ② 1.4A						
		A8922M1-3					

POWER RECTIFIERS

RATING		REPLACEMENT DATA				NOTES	
ITEM No.	CURRENT (Measured)	SHERWOOD PART No.	RCA PART No.	SARKES TAZIAN PART No.	SYLVANIA PART No.		
M1	.010A	*	1N1763 *	65A *	SR200 *	* Selenium Type	* Silicon Type

SIGNAL DIODES

RATING		REPLACEMENT DATA				NOTES	
ITEM No.	ORIG. TYPE	SHERWOOD PART No.	GENERAL ELECTRIC PART No.	RAYTHEON PART No.	SYLVANIA PART No.		
M2	1N87			1N87	1N87		Multiplex Det. (Pigtail)

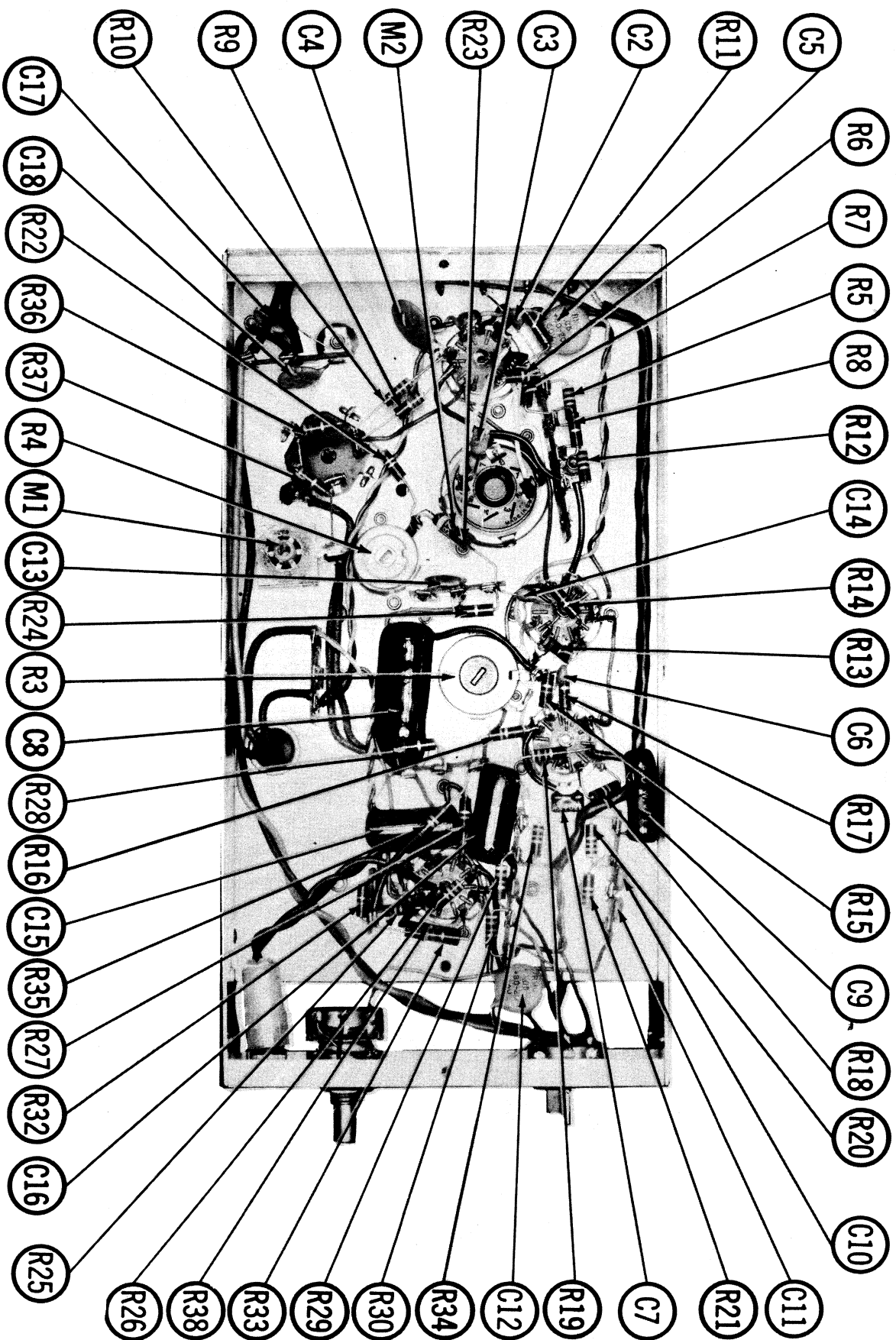
MISCELLANEOUS

ITEM No.	PART NAME	SHERWOOD PART No.	NOTES
M3	Switch		Built-Crosley (DDPT, Slide Type)
M4	Switch		Power Off-On (DDPT, Slide Type)

WIRING DATA

General-use Unshielded Hook-up Wire		Use BELDEN No. 8530 (Solid) Available in Ten Colors
Power Cord		8524 (Stranded) Available in Ten Colors
		1765-B (6 Ft. Length)
		1725-K (7½ Ft. Length)

XWMS 'XW95 'XW5 'XW25
STDEOW DOOWRHS



CHASSIS BOTTOM VIEW