

PARTS LIST AND DESCRIPTIONS (Continued)

CRYSTAL DIODES

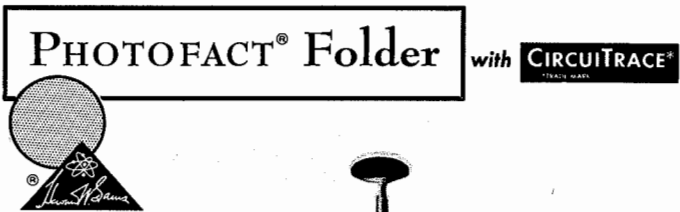
ITEM No.	ORIG. TYPE	REPLACEMENT DATA				NOTES
		CROWN PART No.	CBS PART No.	RAYTHEON PART No.	SYLVANIA PART No.	
M2	SD-46	IN60	IN60	IN60	IN60	AVC (Bigtail) Det. (Pigtail)
M3	SD-46	IN60	IN60	IN60	IN60	

MISCELLANEOUS

ITEM No.	PART NAME	CROWN PART No.	NOTES
M4	Tuning Cap		
M5	Switch		
M6	Switch		

WIRING DATA

General-use Unshielded Hook-up Wire Use BILDEN No. 8530 (Solid) Available in Ten Colors
8524 (Stranded) Available in Ten Colors

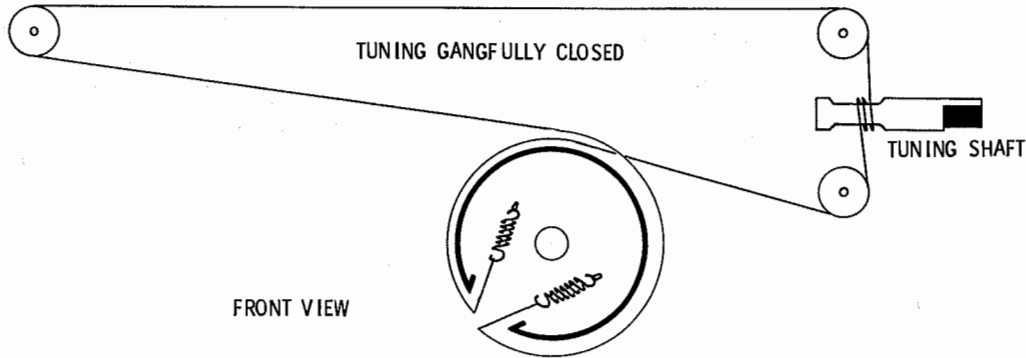


CROWN MODEL
TR-875



TRADE NAME	Crown Model TR-875		
IMPORTER	Shriro, Inc., 276 Fourth Ave., New York 10, N. Y.		
TYPE SET	Battery Operated Transistorized Portable BC-SW Receiver		
POWER SUPPLY	9 Volts DC	RATING	8MA@9 Volts DC (No Signal, Min. Volume) 15MA@9 Volts DC (Signal, Normal Volume)
TUNING RANGE—BROADCAST	535 - 1605 KC	SHORT WAVE	3.9 - 12MC

DIAL CORD STRINGING

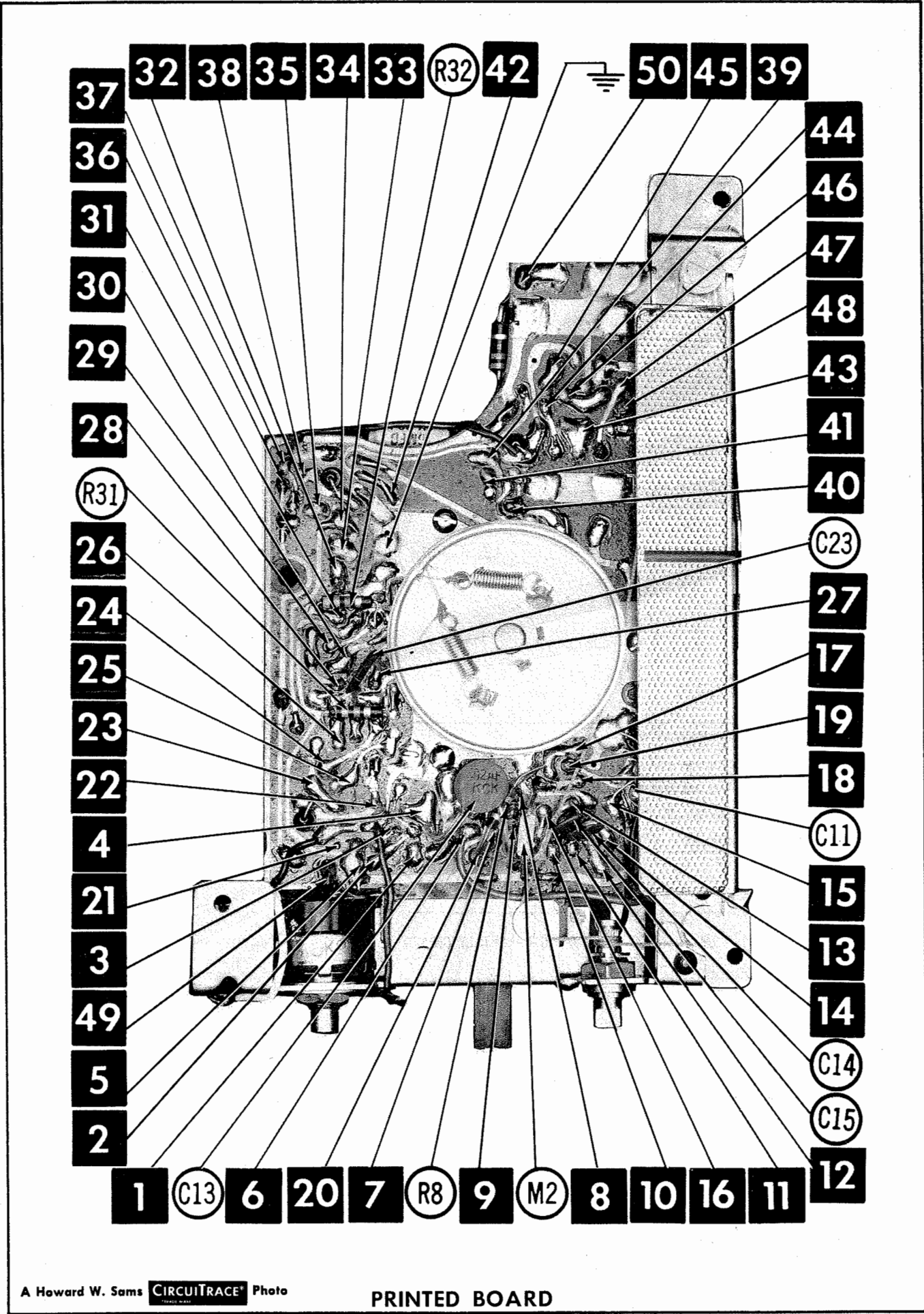


HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana



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PARTS LIST AND DESCRIPTIONS

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			QPS PART No.	RCA PART No.	SYLVANIA PART No.	
X1	HJ-73	Mixer		2N486		PNP
X2	HJ-71	Oscillator		2N485	2N218	PNP
X3	2N218	1st IF Amplifier		2N483	2N218	PNP
X4	2N218	2nd IF Amplifier		2N483	2N218	PNP
X5	HJ-62 *	AF Amplifier		2N362	2N104	PNP
X6	HJ-62 *	Driver		2N407	2N104	PNP
X7	HV-15	Bias		1N2326	2N217	PNP
X8	2N217	Output		2N633	2N217	PNP
X9	2N217	Output		2N633	2N217	PNP

* Alternate Type 2N215.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	CAP.	VOLT.	CROWN PART No.	REPLACEMENT DATA			NOTES
					AEROVOX PART No.	CORNEILL DUBILIER PART No.	MALLORY PART No.	
C1	6	6	6		XPP-6006	NLW6-25	TT10X6	TE-1085
C2	6	6	6		XPP-6006	NLW6-25	TT10X6	TE-1085
C3	30	6	6		XPP-6030	NLW30-6	TT10X30	TE-1092
C4	6	6	6		XPP-6006	NLW6-25	TT10X6	TE-1085
C5	50	6	6		XPP-6050	NLW50-6	TT10X50	TE-1100
C6	200	10	10		BCD10100			TE-1119.6
C7	100	10	10		PWE10100	NLW100-10	ML100-15	TE-1119.3

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

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					SPRAGUE PART No.
			AEROVOX PART No.	CENTRALAB PART No.	CORNEILL DUBILIER PART No.	ELENCO PART No.	MALLORY PART No.	
C8	5		DI-5	DD-050	L10V5	CCD-050	GP950	10TS-V50
C9A								
C9B								
C9C								
C9D								
C10	20000		BPD-02	DD-203	EYBRS2	CCD-203	B-120	SHK-S20
C11	40000			DD-403	EYBRS4		GP140	SHK-S40
C12	3000 500V 10%		1484-003	DD-203	LRD3	CM-20B-302K	MCB461	MS-23
C13	20000		BPD-02	DD-181	EYBRS2	CCD-203	B-120	SHK-S20
C14	180		DI-180	DD-181	L10T18	CCD-181	GP318	10TS-T18
C15	120		DI-120	DD-121	L10T12	CCD-121	GP312	10TS-T12
C16	225		DI-220	DD-221	L10T22	CCD-221	B-322	10TS-T22
C17	40000			DD-403	EYBRS4		GP140	SHK-S40
C18	5000		BPD-005	DD-502	EYAL005	CCD-502	B-250	SHK-S50
C19	40000			DD-403	EYBRS4		GP140	SHK-S40
C20	40000			DD-403	EYBRS4		GP140	SHK-S40
C21	7		NPO-DI 6.8	DD-403	C10V7C	CCTO-6R8	CNO-568	10TCC-V68
C22	.04 50V		V94C2547	DD-403	EYBRS4		GP140	SHK-S40
C23	40000			DD-403	EYBRS4		GP140	SHK-S40
C24	5			DD-403	EYBRS4		GP140	SHK-S40
C25	40000		NPO-DI 5.0	DD-403	C10V5C	CCTO-050	CNO-547	10TCC-V50
C26	40000			DD-403	EYBRS4		GP140	SHK-S40
C27	40000		BPD-01	DD-103	EYAL001	CCD-103	B-110	SHK-S10
C28	10000		BPD-01	DD-103	EYAL001	CCD-103	B-110	SHK-S10
C29	20000		BPD-02	DD-203	EYBRS2	CCD-203	B-120	SHK-S20
C30	10000		BPD-01	DD-103	EYAL001	CCD-103	B-110	SHK-S10
C31	40000			DD-403	EYBRS4		GP140	SHK-S40

Note 1. Not used in some versions.

CONTROLS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			INSTALLATION NOTES
			CROWN PART No.	CENTRALAB PART No.	MALLORY PART No.	
RI	5000Ω					Volume & Switch

FOLDER 7

CROWN MODEL TR-875

BATTERIES

ITEM No.	VOLTAGE	CROWN PART No.	REPLACEMENT DATA			NOTES
			BURGESS "A"	"B"	MALLORY "A"	
MI	1½V		930 *	1015 *	M-15R *	* 6 Required

RESISTORS

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

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			NOTES
			CROWN PART No.	Merit PART No.	Miller PART No.	
R2	33K					
R3	6800Ω					
R4	1000Ω					
R5	1000Ω					
R6	1000Ω					
R7	1000Ω					
R8	470K					
R9	1500Ω					
R10	100K					
R11	3300Ω					
R12	500Ω					
R13	20K					
R14	2000Ω					
R15	1000Ω					
R16	1000Ω					
R17	1000Ω					
R18	500Ω					
R19	33K					
R20	100K					
R21	1000Ω					
R22	3300Ω					
R23	6800Ω					

Note 1. Not used in some versions.

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA			NOTES
		CROWN PART No.	Gramer PART No.	Meissner PART No.	
L1A	SW Loopstick				
L2	BC Loopstick				
L3	SW Osc. Coil	S-214			
L4	BC Osc. Coil	8025			
L5	1st IF Trans.	8508			
L6	2nd IF Trans.	8503			
L7	3rd IF Trans.	8518			

TRANSFORMER (DRIVER)

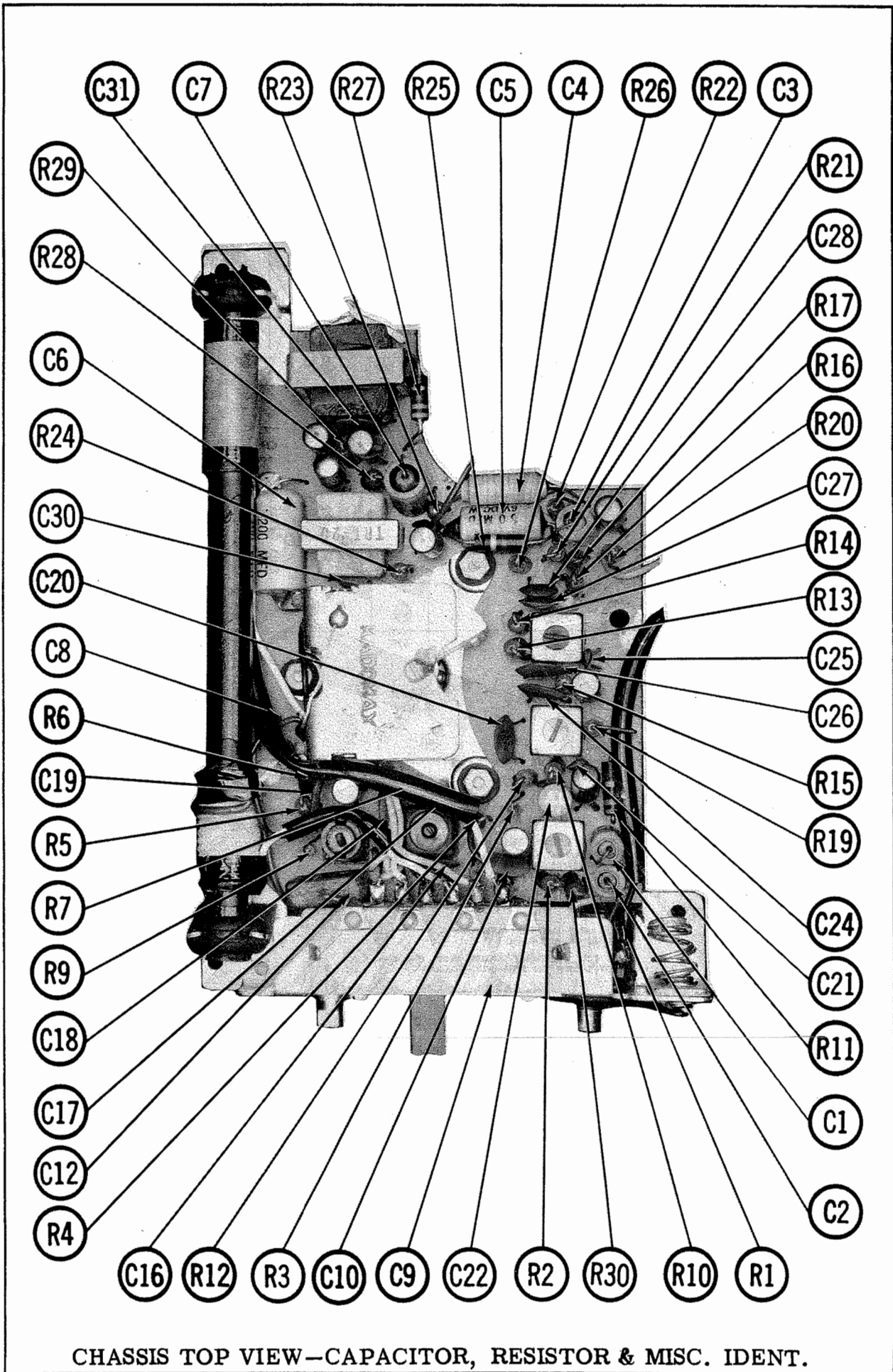
ITEM No.	TURNS RATIO	REPLACEMENT DATA			NOTES
		CROWN PART No.	Holderson PART No.	Merit PART No.	
T1	1.3	TRT-20			

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA			NOTES
		CROWN PART No.	Holderson PART No.	Merit PART No.	
T2	700Ω	TRT-21			

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA			NOTES
		CROWN PART No.	QUAM PART No.	Thorderson PART No.	
SP1	3"	PM 6-8Q			



ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT					
Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.					
Suggested alignment tools: A1, A2, A3.....GENERAL CEMENT #5004, 5009, 8195, 8274, 8275, 8607, 8728, 8987, 8988, 8989, 9291					
WALSCO #2515, 2520, 2522, 2523, 2531, 2532, 2534, 2537, 2538					
A4, A6, A7, A9....GENERAL CEMENT #5000, 5003, 5066, 8276, 8290, 9087, 9089					
WALSCO #2512, 2525, 2528					
SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1. Loop	455KC (400v Mod.)	(BC) Tuning gang fully open.	Across voice coil.	A1, A2, A3	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
2. "	1600KC	(BC) 1600KC	"	A4	"
3. "	600KC	(BC) 600KC	"	A5	"
4. "	1400KC	(BC) Tune to 1400KC signal.	"	A6	Adjust for maximum output while rocking tuning gang.
5. "	12MC	(SW) 12MC	"	A7	Adjust for maximum output.
6. "	3.9MC	(SW) 3.9MC	"	A8	"
7. "	9MC	(SW) Tune to 9MC signal.	"	A9	Adjust for maximum output while rocking tuning gang.

