

PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

ONLY THOSE PERSONS PROPERLY LICENSED ARE PERMITTED TO MAKE REPAIRS OR ADJUSTMENTS WHICH MAY RESULT IN ILLEGAL OPERATION. (REFER TO FCC RULES AND REGULATIONS PART 95, SUBPARTS C & D.)

The frequency of the transmitter should be checked periodically with a secondary frequency standard to insure proper and legal operation.

Best results will be obtained when adjusting the final RF output circuit if the antenna normally used is connected and the chassis is as nearly in the cabinet as possible.

Connect either 50-ohm dummy load or the normally used antenna system.



MODEL 13-879B

ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools:

GC ELECTRONICS

T7, T9 thru T14, L1, L3 ... 9440
T1 thru T6, T8, T18 9087, 9089
C1, C5 8290, 5000

MIDLAND MODEL 13-879B

RECEIVER

Connect an AC VTVM or AF Wattmeter across speaker voice coil.
Adjustments made with 14-volt DC input.
Adjust volume control to obtain suitable reading.

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
High side thru .01uF to TR8 Base, low side to ground.	455kHz, 1000Hz, @ 30% modulation output MINIMUM uV	Any	T3,T4, T5	Adjust for maximum.
High side thru .01uF to antenna jack low side to ground.	27.115MHz, 1000Hz @ 30% modulation output 1uV	13	T1,T2, T18,T6	Set squelch fully counterclockwise. Adjust for maximum.

HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206

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RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF Wattmeter across speaker voice coil.
Adjustments made with 14-volt DC input.
Adjust volume control to obtain suitable reading.

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
"S" Meter	27.115MHz, 1000Hz @ 30% modulation output 100mV	13	R45	Adjust for "S9" on S-meter scale.

TRANSMITTER

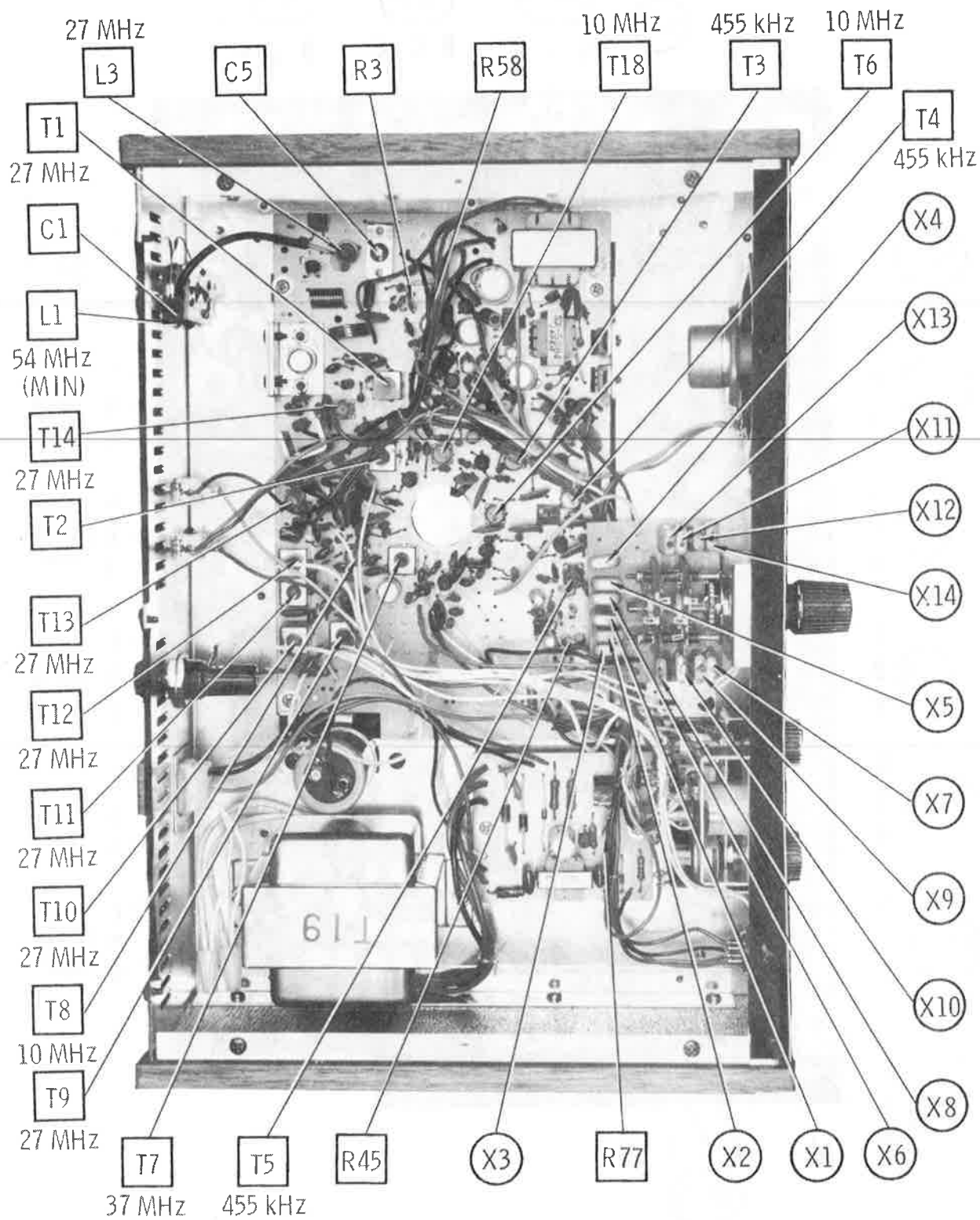
Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 14-volt DC input.

INDICATOR	ADJUST	REMARKS
OSCILLATOR, MIXER, BUFFER, DRIVER, FINAL RF Wattmeter	T7,T8, T9,T10, T11,T12, T13,T14	Channel selector to 13. Key Transmitter. Adjust for maximum.
OUTPUT POWER RF Wattmeter	L3	Key transmitter. Adjust for 3 watts output.
TVI TRAP TV (Ch. 2)	C1	Key transmitter. Adjust for MINIMUM interference on TV.
FINAL INPUT POWER Connect 0-1500DC milliammeter between R5 and L6.	C5	Adjust for 5 watts.

TRANSMITTER ADJUSTMENTS

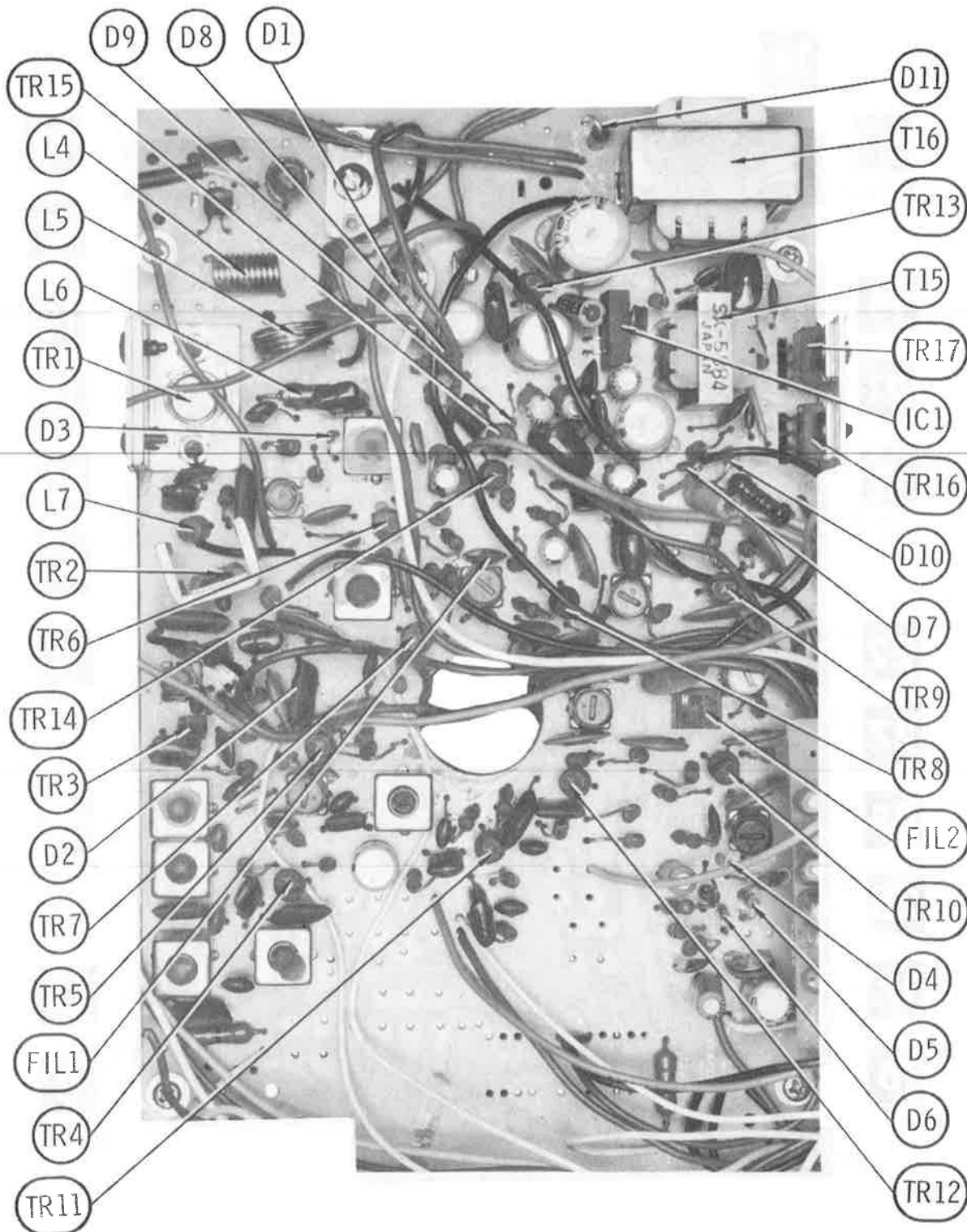
Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 14-volt DC input.

INDICATOR	ADJUST	REMARKS
VOLTAGE REGULATOR DC Voltmeter connected to TR18 and ground.	R77	Adjust R77 for 14V DC at TR18 Emitter. Key transmitter. Voltage should not vary.
MIC GAIN Modulation Meter connected to antenna jack.	R58	Inject a 1000Hz MINIMUM mV audio signal at mic input. Key transmitter. Adjust for 100% modulation maximum.
RF PANEL METER RF Wattmeter	R3	Key transmitter. Adjust so that panel RF meter agrees with RF wattmeter.

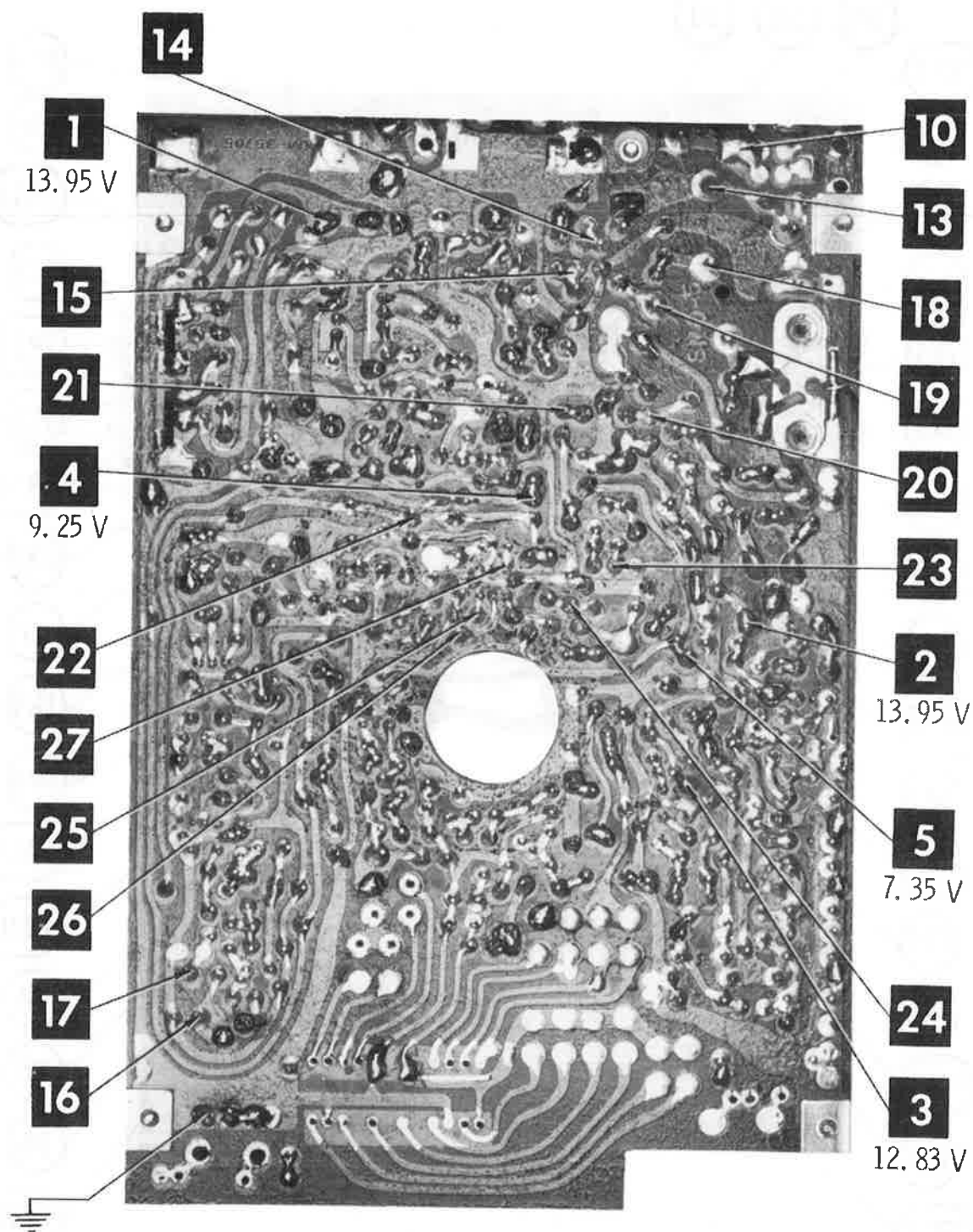


MIDLAND MODEL 13-879B

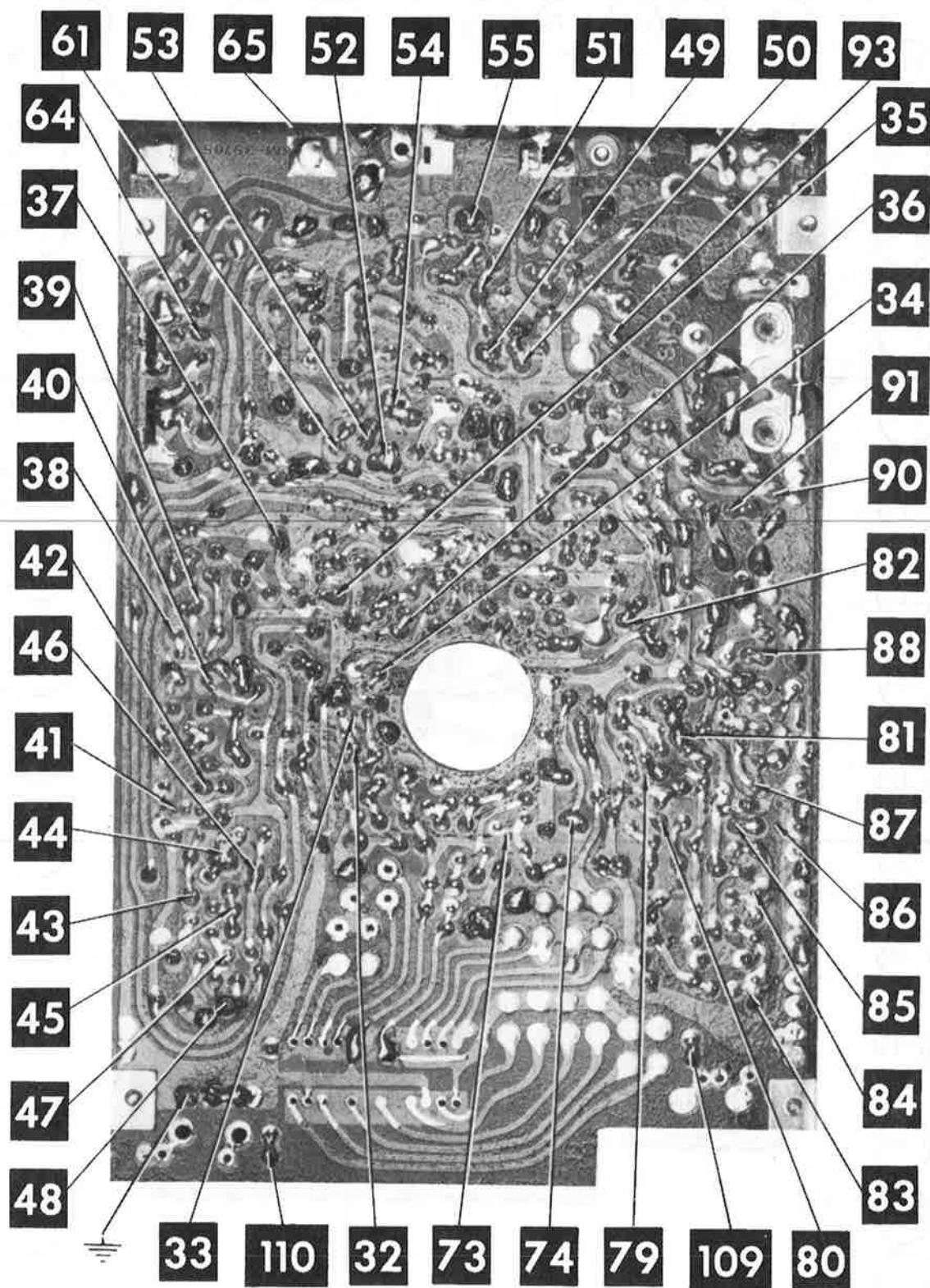


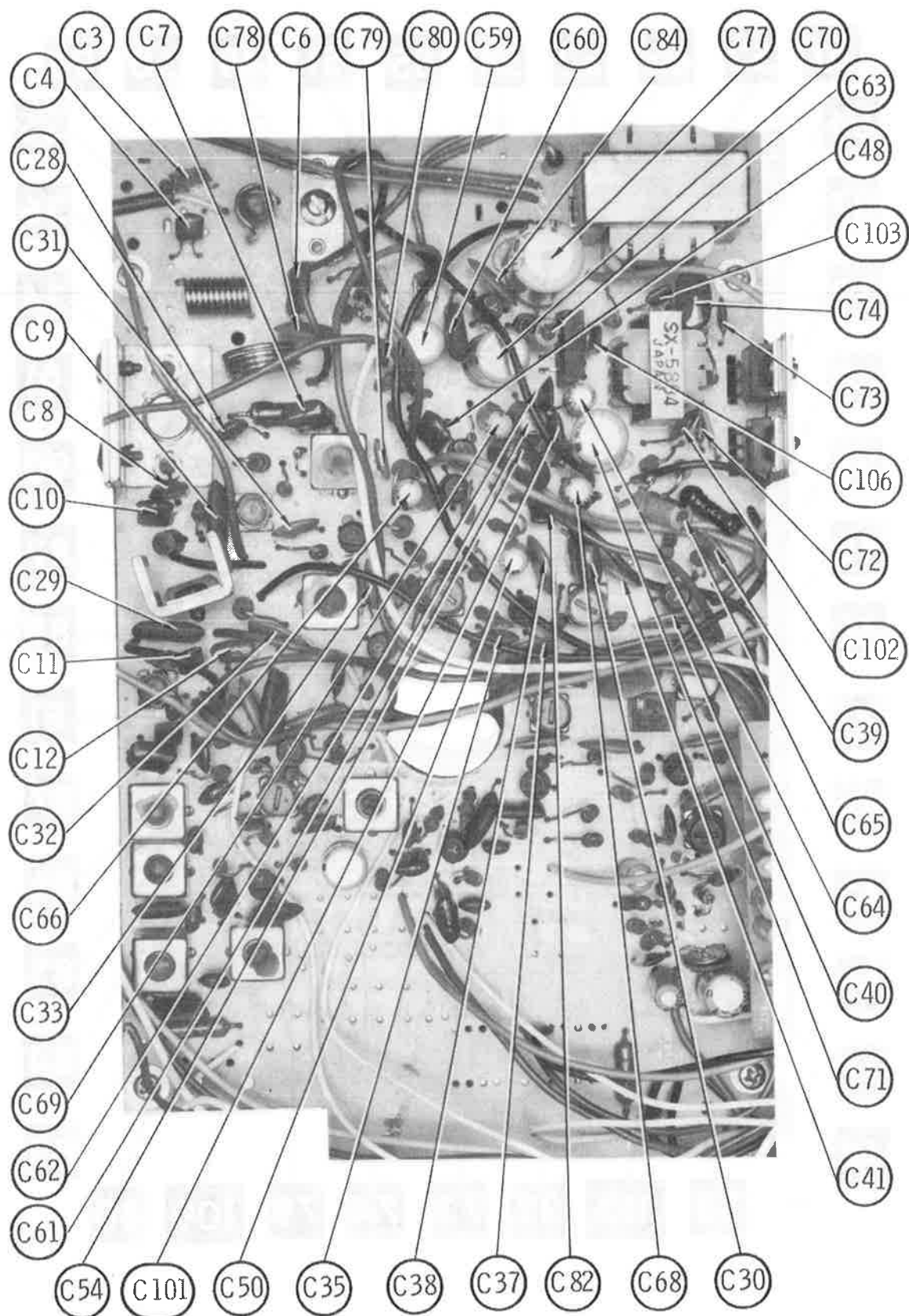


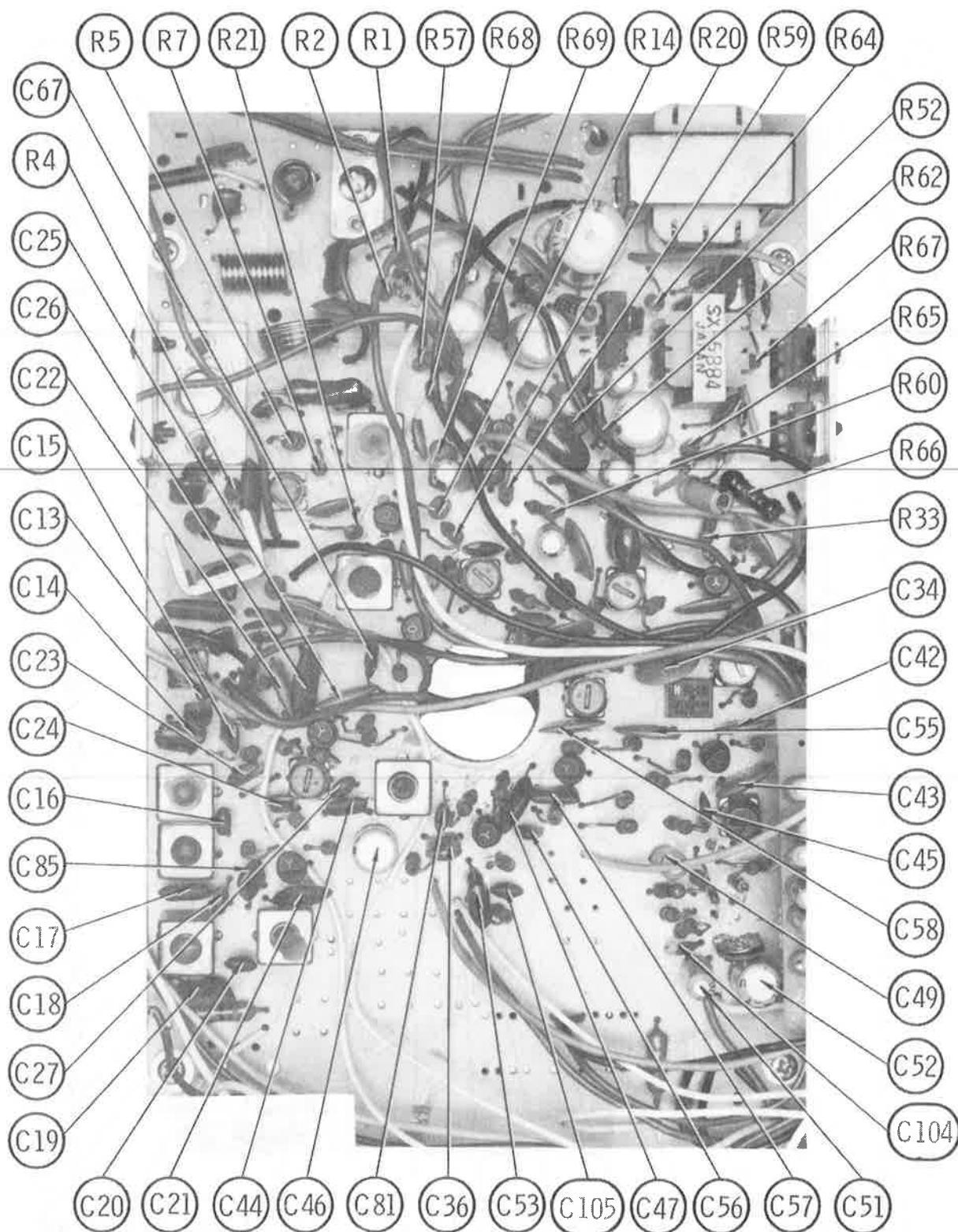
MIDLAND MODEL 13-8798

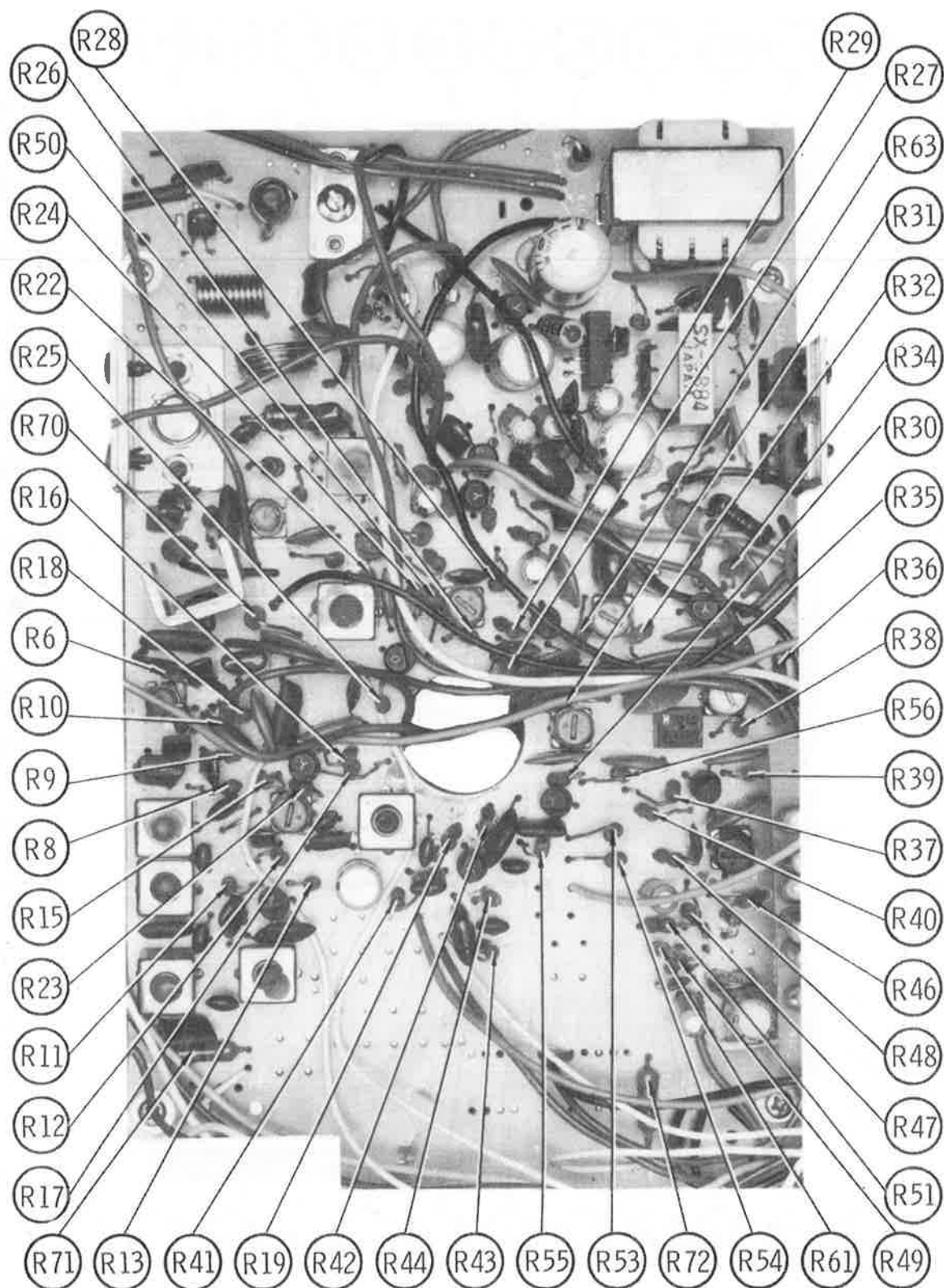


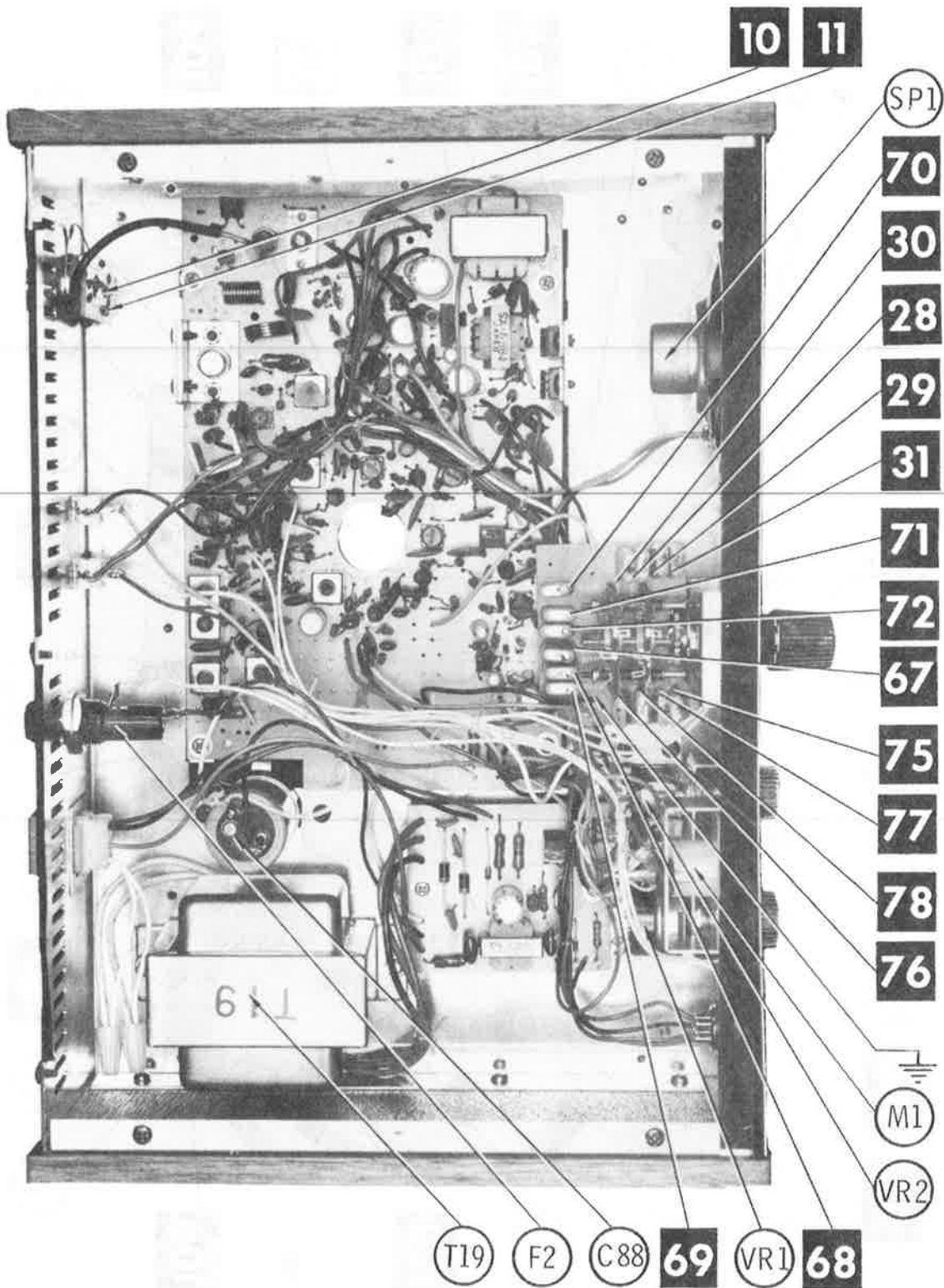
MIDLAND MODEL 13-8798



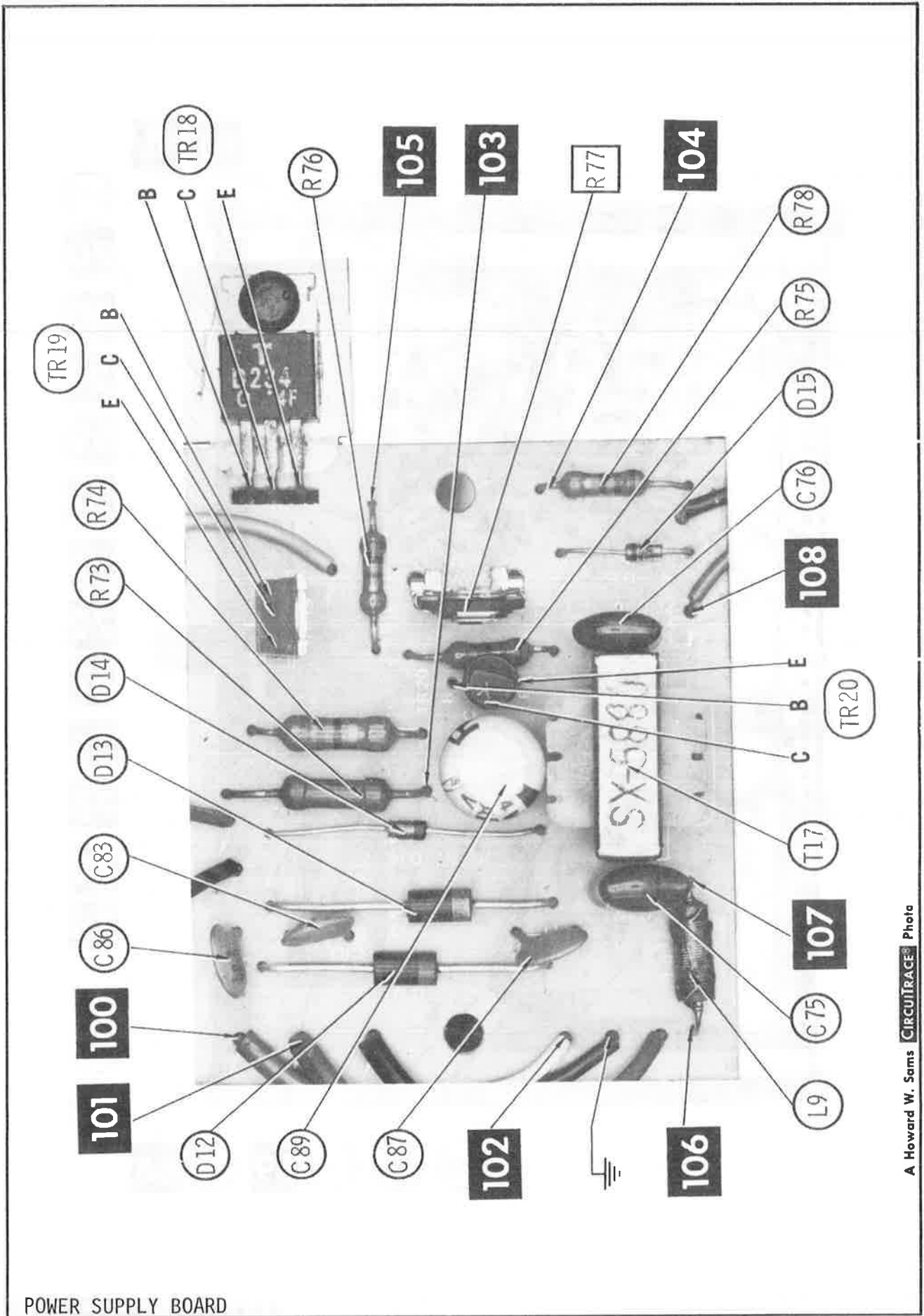








MIDLAND MODEL 13-879B



PARTS LIST AND DESCRIPTION

(When ordering parts, state Model, Part Number, and Description.)

SEMICONDUCTORS (Select replacement transistor for best results)

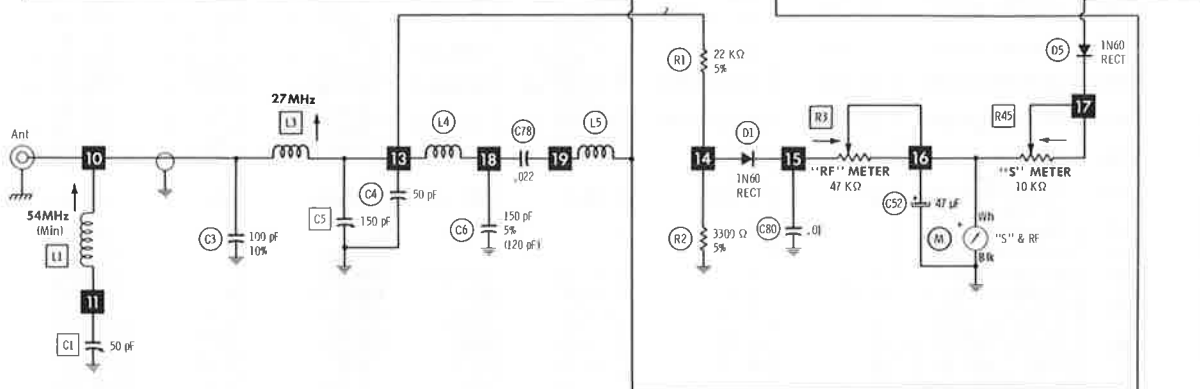
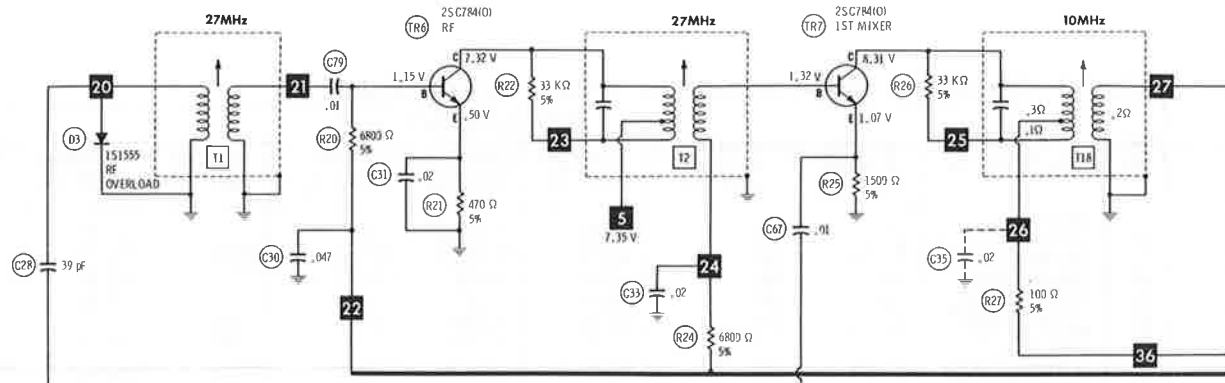
ITEM No.	TYPE / MFR. No. / PART No.	REPLACEMENT DATA						
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D1	1N60/09-306336	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D2	1S1555/09-306154	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D3	1S1555/09-306154	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D4	1N60/09-306336	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D5	1N60/09-306336	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D6	1S1555/09-306154	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D7	WZ-090/09-306332 9.1V Zener	GEZD-9.1	Z-1210	PTC505	HEPZ0412	SK3060	RT240	ECG 139
D8	1S1555/09-306154	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D9	1S1555/09-306154	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D10	SR1K/09-306333	GE-504A	8D4 or 5A4D	PTC201 or	HEPR0052	SK3030 or	RT213 or	ECG 116 or
D11	SR1K/09-306333	GE-504A	8D4 or 5A4D	PTC202 or	HEPR0052	SK3031 or	RT214 or	ECG 117 or
D12	SK1FM/09-306205	GE-504A	8D4 or 5A4D	PTC201 or	HEPR0052	SK3030 or	RT213 or	ECG 116 or
D13	SK1FM/09-306205	GE-504A	8D4 or 5A4D	PTC202 or	HEPR0052	SK3031 or	RT214 or	ECG 117 or
D14	WZ177/09-306355 17.7V Zener	GEZD-18	Z-1216	PTC201 or	HEPR0052	SK3030 or	RT213 or	ECG 116 or
D15	MZ-208/09-306356 8V Zener	GE-X11	Z-1208	PTC510	HEPZ0421	SK3031	RT214	ECG 117
IC1	LD3001/09-308065			ZB8.2	HEPZ0411	SK3059	RT239	ECG 5072
TR1	2SC1239/09-305091 (1)							ECG 1016
TR2	2SC1018/09-302102 (2)	GE-28	TR-55	PTC110	HEPS3020	SK3049		ECG 237
TR3	2SC1166Y/09-305092	GE-18	TR-63	PTC143	HEP713	DK3054		ECG 210
TR4	2SC394Y/09-305093	GE-17	TR-33	PTC139	HEP53	SK3024	RT110	ECG 154
TR5	2SC394Y/09-305093	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR6	2SC784(O)/09-305094	GE-17	TR-70	PTC132	HEP56	SK3018	RT108	ECG 107
TR7	2SC784(O)/09-305094	GE-17	TR-70	PTC132	HEP56	SK3018	RT108	ECG 107
TR8	2SC394(Y)/09-305093	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR9	2SC394(Y)/09-305093	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR10	2SC394(Y)/09-305093	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR11	2SC394(Y)/09-305093	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR12	2SC394(Y)/09-305093	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR13	2SC372(Y)/09-305063	GE-20	TR-21	PTC139	HEP55	SK3018	RT102	ECG 123A
TR14	2SC372(Y)/09-305063	GE-20	TR-21	PTC139	HEP55	SK3018	RT102	ECG 123A
TR15	2SC372(Y)/09-305063	GE-20	TR-21	PTC139	HEP55	SK3018	RT102	ECG 123A
TR16	2SC1173/09-302164 (3)	GE-66	TR-76	PTC110		SK3054	RT154	ECG 152
TR17	2SC1173/09-302164 (3)	GE-66	TR-76	PTC110		SK3054	RT154	ECG 152
TR18	2SD234/09-303018 (4)	GE-28	TR-76	PTC110		SK3054	RT154	ECG 152
TR19	2SD3601/09-305095 (5)	GE-66	TR-76	PTC110		SK3041	RT133	ECG 235
TR20	2SC372(Y)/09-305063	GE-20	TR-21	PTC139	HEP55	SK3018	RT102	ECG 123A

- (1) Rating 12 Watts @ 4 Amps.
 (2) Rating 4 Watts @ 1 Amp.
 (3) Rating 10 Watts @ 3 Amps.
 (4) Rating 1.5 Watts @ 3 Amps.
 (5) Rating 10 Watts @ 800 mA.

MIDLAND MODEL 13-879B

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
			MFR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C46	47	16 V	77-337476	RME-E-E-050	EP15-50	PC50-16	MTV50CB15	EV-1226
C49	1	50 V	77-333105	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C50	3.3	50 V	77-337335	RME-B-J-005	EP50-5	PC5-50	VTT4R7A50	EV-1519
C51	1	50 V	77-333105	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C52	47	16 V	77-337476	RME-E-E-050	EP15-50	PC50-16	MTV50CB15	EV-1226
C59	47	16 V	77-337476	RME-E-E-050	EP15-50	PC50-16	MTV50CB15	EV-1226
C61	1	50 V	77-333105	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C63	10	16 V	77-337106	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C64	1	50 V	77-333105	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C65	10	16 V	77-337106	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C66	10	16 V	77-337106	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C68	10	16 V	77-337106	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C69	10	16 V	77-337106	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C70	100	16 V	77-337107	RME-E-E-100	EP15-100	PC100-16	MTV100CD15	EV-1230
C71	220	16 V	77-337227	RME-J-E-250	EP15-250	PC250-25	MTV250DE15	EV-1245
C77	470	16 V	77-337477	RME-L-E-500	EP15-500	PC500-16	MTV500DN15	EV-1250
C88	2200	35 V	79-440228	ME-J2000		WBR2000-35	TC50200A	TVA1318.3
C89	220	16 V	79-337227	RME-J-E-250	EP15-250	PC250-25	MTV250DE15	EV-1245

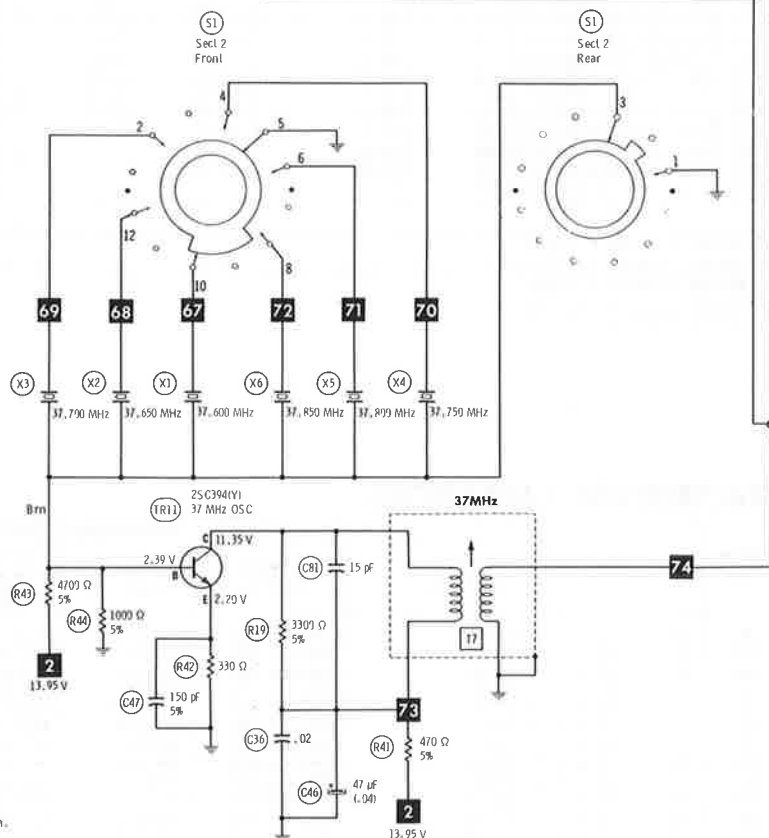


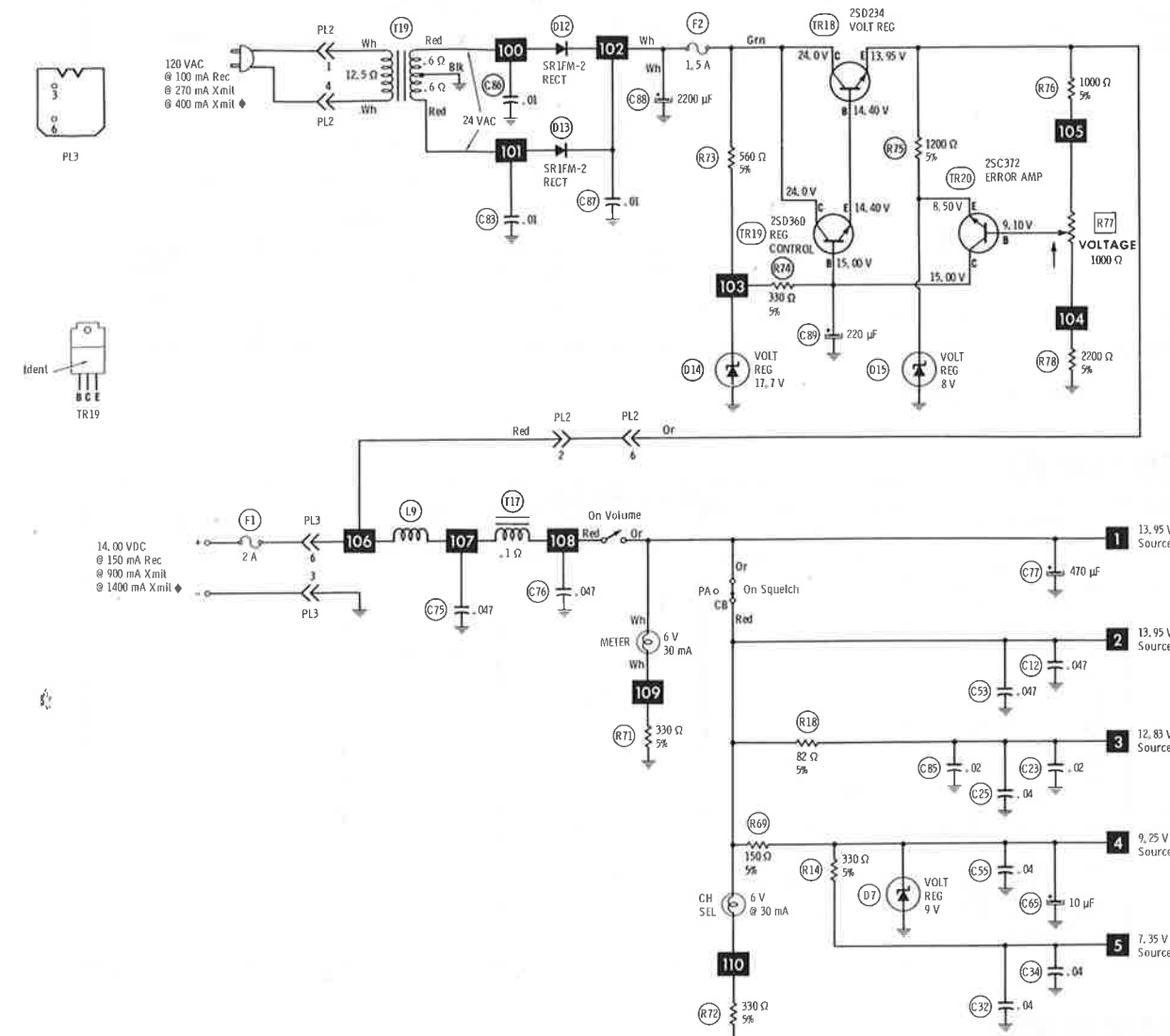
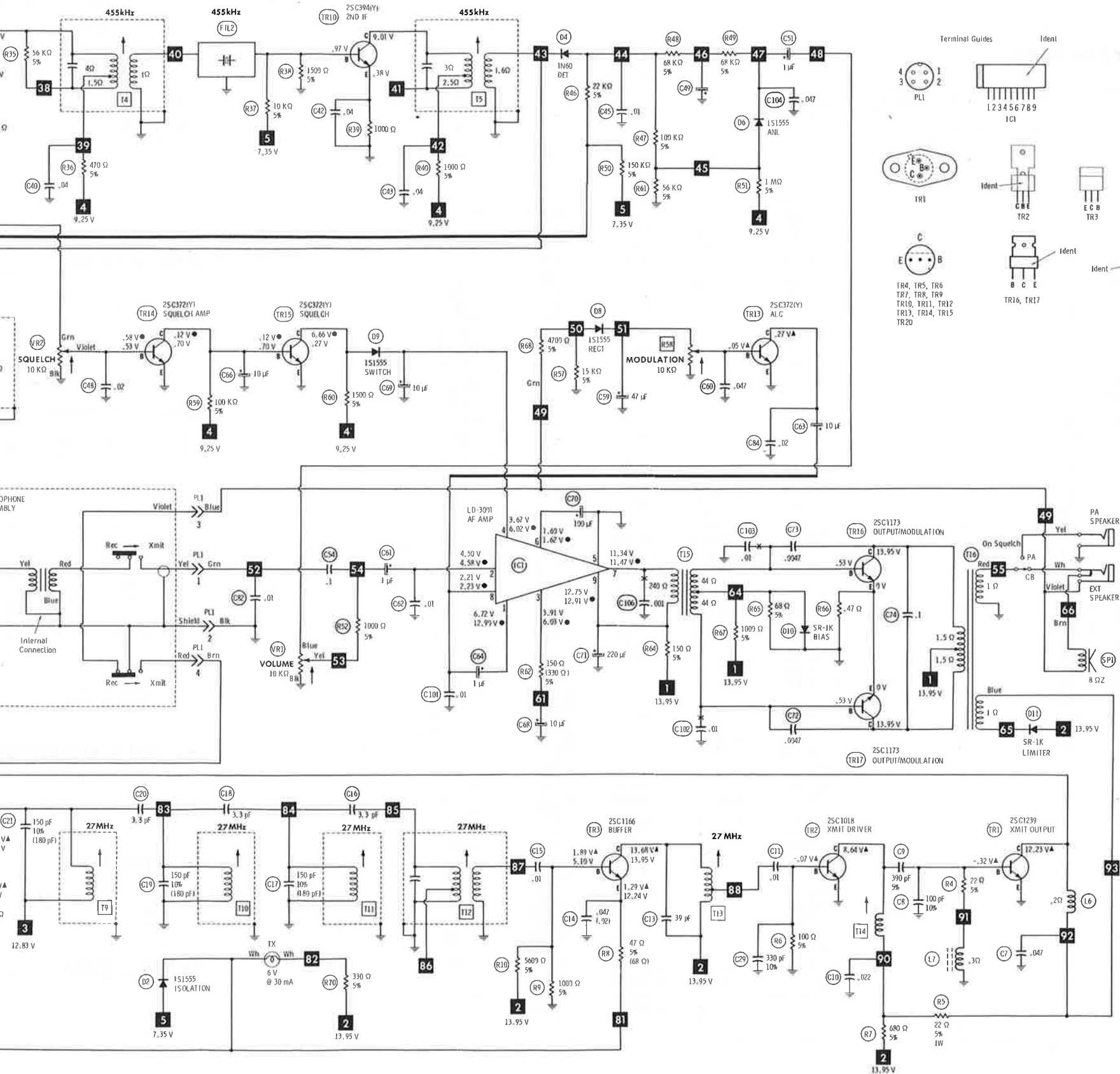
Chan	Crystal Complement
1	X1, X7, X11
2	X1, X8, X12
3	X1, X9, X13
4	X1, X10, X14
5	X2, X7, X11
6	X2, X8, X12
7	X2, X9, X13
8	X2, X10, X14
9	X3, X7, X11
10	X3, X8, X12
11	X3, X9, X13
12	X3, X10, X14
13	X4, X7, X11
14	X4, X8, X12
15	X4, X9, X13
16	X4, X10, X14
17	X5, X7, X11
18	X5, X8, X12
19	X5, X9, X13
20	X5, X10, X14
21	X6, X7, X11
22	X6, X8, X12
23	X6, X10, X14

- ◆ 100% Modulation
 - mm Denotes chassis.
 - ⊥ Denotes ground. (Voltage reference unless otherwise indicated)
 - Indicates connection used in some versions.
 - * Indicates connection not used in some versions.
 - Omitted in some versions.
 - See parts list.
 - ⊗ Value varies; replace with original value.
 - ▲ Measured in transmit position.
 - Measured with unit squelched.
 - NC No Connection.
- Measurements taken with switching in position shown unless otherwise indicated.
- Values shown in () are used in some applications.
- Resistors are 1/2W or less, 5%, unless otherwise indicated.
- Supply voltage maintained at rated value for measurements.
- Voltage and resistance measured with VTVM or equivalent meter; no signal applied and controls adjusted for normal operation.
- Arrow on control indicates direction of advance.
- Numbers assigned to terminals may not be found on the unit.
- Transistor resistances vary widely; no resistance measurements taken.

A PHOTOFAC STANDARD NOTATION SCHEMATIC
with **CIRCUITRACE**

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PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CONTROLS (All wattages 1/2 watt, or less, unless listed)

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS—IRC PART No.	MALLORY PART No.
R3	RF Meter	47K		TSV-50K (2) or T-50K (2)	C-503 (2)	X201R503B (2)	MTC54L1 (2)
	RF Meter	50K	13-164110 (6)	TSV-50K (2) or T-50K (2)	C-503 (2)	X201R503B (2)	MTC54L1 (2)
R45	"S" Meter	10K	13-164109	TSV-10K (2) or T-10K (2)	C-103 (2)	X201R103B (2)	MTC14L1 (2)
R58	Modulation	10K	13-164111	TSV-10K or T-10K	C-103	X201R103B	MTC14L1
R77	Voltage Adjust	1000	13-164112	TSV-1K or T-1000	C-102	X201R102B	MTC13L1
VR1	Volume/Switch	10K	13-160088	F2-10K (1), SSK100, KR-1	A47-10K-Z (1), KSS-3, SWE-12 or [NP-10K-Z (1), UP-C-400, NWE-12]	BU1 (1), CF61, SS1, GC	RU14A, SL36, SL1500, US41 or [UA14A (1), SK1000, US41] or [U1B (1), US26]
VR2	Squelch/"PA" Switch	10K	13-166053				

- (1) Enlarge mounting hole.
(2) Cut off one of the end terminals and bend to fit PC board.
(6) Alternate part, may be used in some versions.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	TVI Trap (27MHz)	13-176409			
L3	Ant. Loading (27MHz)	13-176410			
L4	Pi Network (27MHz)	13-176411			
L5	Final (27MHz)	13-176412			
L6	RF Choke	13-178176			
L7	RF Choke (2.2mH)	13-176419	2R2	74F226AP	
L9	Line Choke	13-178177			
T1	Rec. Ant (27MHz)	13-176418	1847A		
T2	Rec. RF (27MHz)	13-176416	1849A		
T3	Input IF (455kHz)	13-090298			
T4	Interstage IF (455kHz)	13-090299			
T5	Output IF (455kHz)	13-090300			
T6	Rec. Osc. (10MHz)	13-090297			
T7	37MHz Osc.	13-170196			
T8	Xmit. Osc. (10MHz)	13-090297			
T9	Xmit. Mixer (27MHz)	13-176415	027031		
T10	Xmit. Mixer (27MHz)	13-176415	027031		
T11	Xmit. Mixer (27MHz)	13-176415	027031		
T12	Xmit. Mixer (27MHz)	13-176414	YSG1263-7		
T13	Xmit. Mixer (27MHz)	13-176417			
T14	Xmit. Driver (27MHz)	13-176413			
T18	Rec. Mixer (11MHz)	13-090297			

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (O CURRENT 1000~)	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T17	1400mA	.1	1.5 mH	13-178131 (SX5880)				

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA				NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD Part No.	
T15	1.6	1		13-096142 (SX5884)				

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
	PRI.	SEC.	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T16	18	8	13-096143				

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS

ITEM No.	RATING	MFGR. PART No.	REPLACEMENT DATA				
			ARCO/ELMENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	50(1)	13-123033					
C3	100		CCTO-101	DTZ-100	NP0100	CN0310	10TCC-T10
C4	50		CCTO-510	DTZ-50	NP050	CN0450	10TCC-Q50
C5	150(1)	13-123034					
C6	150		CCD-151	DD-151	GP150	GP315	10TS-T15
C7	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C8	100		CCTO-101	DTZ-100	NP0100	CN0310	10TCC-T10
C9	300		CCD-301	DD-301	GP300	GP330	10TS-T30
C10	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C11	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C12	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C13	39					CN0439	10TCC-Q39
C14	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C15	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C16	3.3		CCTO-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
C17	180		CCD-181	DD-181	GP180	GP318	10TS-T18
C18	3.3			DTZ-3R3	NP03P3	CN0533	10TCC-V33
C19	180		CCD-181	DD-181	GP180	GP318	10TS-T18
C20	3.3		CCTO-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
C21	180		CCD-181	DD-181	GP180	GP318	10TS-T18
C22	.04			DD-403		GP140	
C23	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C24	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C25	.04			DD-403		GP140	
C26	300		CCD-301	DD-301	GP300	GP330	10TS-T30
C27	50		CCTO-510	DTZ-50	NP050	CN0450	10TCC-Q50
C28	39					CN0439	10TCC-Q39
C29	220		CCD-221	DD-221	GP220	GP322	10TS-T22
C30	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C31	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C32	.04			DD-403		GP140	
C33	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C34	.04			DD-403		GP140	
C35	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C36	.02		CCD-203	DD-203	MAG5012	TA120	2SS-S20
C37	.04			DD-403		GP140	
C38	.04			DD-403		GP140	
C39	.04			DD-403		GP140	
C40	.04			DD-403		GP140	
C41	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C42	.04			DD-403		GP140	
C43	.04			DD-403		GP140	
C44	100		CCTO-101	DTZ-100	NP0100	CN0310	10TCC-T10
C45	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C47	150		CCD-151	DD-151	GP150	GP315	10TS-T15
C48	.02		CCD-203	CK-203	MGP02	TA120	TG-S20
C53	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C54	.1			CK-104		TA010	TG-P10
C55	.04			DD-403		GP140	
C56	50		CCTO-510	DTZ-50	NP050	CN0450	10TCC-Q50
C57	220		CCD-221	DD-221	GP220	GP322	10TS-T22
C58	.04			DD-403		GP140	
C60	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C62	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C67	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C72	.0047		CCD-472	DD-472G	GP4700	JF247	10TS-D47
C73	.0047		CCD-472	DD-472G	GP4700	JF247	10TS-D47
C74	.1			CK-104		TA010	TG-P10
C75	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C76	.047		CCD-503	CK-503	MGP05	TA150	TG-S50
C78	.022		CCD-203	CK-203	MGP02	TA120	TG-S20
C79	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C80	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C81	15		CCTO-150	DTZ-15	NP015	CN0415	10TCC-Q15
C82	.01		CCD-103	CK-103	MGP01	TA110	TG-S10
C83	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C84	.022		6DP-2-223		DPMS6S22	EWF6122	6PS-S22
C85	.01		CCD-103	DC-103	GP1000	MAG5011	2SS-S10
C86	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C87	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C101	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C102	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C103	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C104	.047		1MDF-2-473		DPMS2S47	EWFTA147	1PB-S47
C105	15				NP015	CN0415	10TCC-Q15
C106	.001		CCD-102	DD-102		GP210	10TS-D10

(1) Nominal value.

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

TRANSFORMER (Power)

ITEM No.	RATING	
	PRI.	SEC. 1
T19	120V AC @ 400mA AC	36V AC @ 1400mA AC

SPEAKER

ITEM No.	TYPE
SP	3" PM 8 ohms

FUSE DEVICES

ITEM No.	DESCRIPTION
F1	1 1/2A Quick Acting
F2	2 A Quick Acting

MISCELLANEOUS

ITEM No.	PART NAME
Fil 1	Filter
Fil 2	Filter
M	Meter
Q1	Crystal
Q2	Crystal
Q3	Crystal
Q4	Crystal
Q5	Crystal
Q6	Crystal
Q7	Crystal
Q8	Crystal
Q9	Crystal
Q10	Crystal
Q11	Crystal
Q12	Crystal
Q13	Crystal
Q14	Crystal
S1	Switch
	Printed Circuit Board
	Printed Circuit Board
	Printed Circuit Board

CABINETS & CABINETRY

ITEM
Cabinet
Knobs, Volume and Squelch

ACCESSORIES

ITEM
Microphone
DC Power Cord

WIRING DATA

General-use Hook-up Wire
Power Cord, 2-Wire
Shielded Antenna Lead
Coiled Microphone Cable
Ignition Noise Suppression
Bonding Strap

(When ordering parts, state Model, Part Number, and Description.)

NOTES

(1) Nominal value.

(When ordering parts, state Model, Part Number, and Description.)

General-use Hook-up Wire	Use Belden No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Power Cord, 2-Wire	Use Belden No. 17106 (Plastic) or 17126 (Rubber) -6 feet 17109 (Plastic) or 17129 (Rubber) -9 feet
Shielded Antenna Lead	Use Belden No. 8214 Lowest-loss (RG-8/U Type) 8237 Low-loss (RG-8/U) 8240 (Solid) Miniature (RG-58/U) 8259 (Stranded) Miniature (RG-58A/U)
Coiled Microphone Cable	Use Belden No. 8497 3-Conductor (1 shielded for Press-to-Talk) Neoprene 8491 4-Conductor (2 shielded, 2 unshielded) Neoprene
Ignition Noise Suppression	Use Belden No. 7300-Series Spark-Plug Sets
Bonding Strap	Use Belden No. 8661 (3/8 inch)