

PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(Refer to FCC Rules and Regulations Part 95, Subpart 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 605DL

MANUFACTURER'S SPECIFICATIONS

HANDIC MODEL 605DL

Description	Nominal spec.
605DL	
Frequency range	26.965 - 27.225 MHz
Operating voltage	13.8 V DC $\pm$ 15%
DC input	5 watts
RF output	4 watts
Frequency tolerance	Less than $\pm$ 0.003%
Modulation	AM below 100%
Sensitivity	0.7 μ V at 10 dB (S+N)/N @50 mW
Selectivity	-100 dB at $\pm$ 10 kHz
Adjacent channel rejection	-100 dB
Intermediate frequency	455 kHz
Signal to noise ratio	45 dB at 1 mV input
Squelch sensitivity	
Threshold	Less than 1 μ V
Tight	50 μ V to 1 mV
Audio output	
10% THD	2.2 watts (8 Ω)
Max.	3.5 watts (8 Ω)

Courtesy of the Manufacturer

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

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7CY592

ALIGNMENT INSTRUCTIONS

CAUTION: Use an isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period.

Adjustments made with 13.8-volt DC input.

Connect low sides of test equipment to ground unless specified otherwise.

Connect a 50-ohm dummy load or antenna before keying transmitter.

Suggested Alignment Tools: GC ELECTRONICS:
 L8, L9, T3, T4, T65009
 T1, T29440

RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil.

Adjust volume control to obtain a suitable indication.

Set generator output low enough to prevent AGC limiting.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input frequency counter to TP10.	Ch. A		Check for 26.680MHz.
Output of signal generator thru .01uF to TP1. 455kHz, 1000Hz @ 30% modulation.	Ch. A, Squelch MINIMUM	T4, T3	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.135MHz, 1000Hz @ 30% modulation.	Ch. A, Squelch MINIMUM	T2, T1	Adjust for maximum output. If necessary readjust T3 and T4.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.

Adjust volume control to obtain a suitable indication.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.135MHz, 1000Hz @ 30% modulation. Output 500uV.	Ch. A	VR3	SQUELCH RANGE Set squelch control VR2 fully clockwise. Adjust VR3 so that squelch just breaks.

TRANSMITTER ALIGNMENT

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.

See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter to antenna jack.	Ch. A	T6, T7, L8, L9	Adjust for maximum.
	Ch. A	L9, L8	Adjust for 4 watts maximum.
	Ch. A		Check for 27.135MHz.

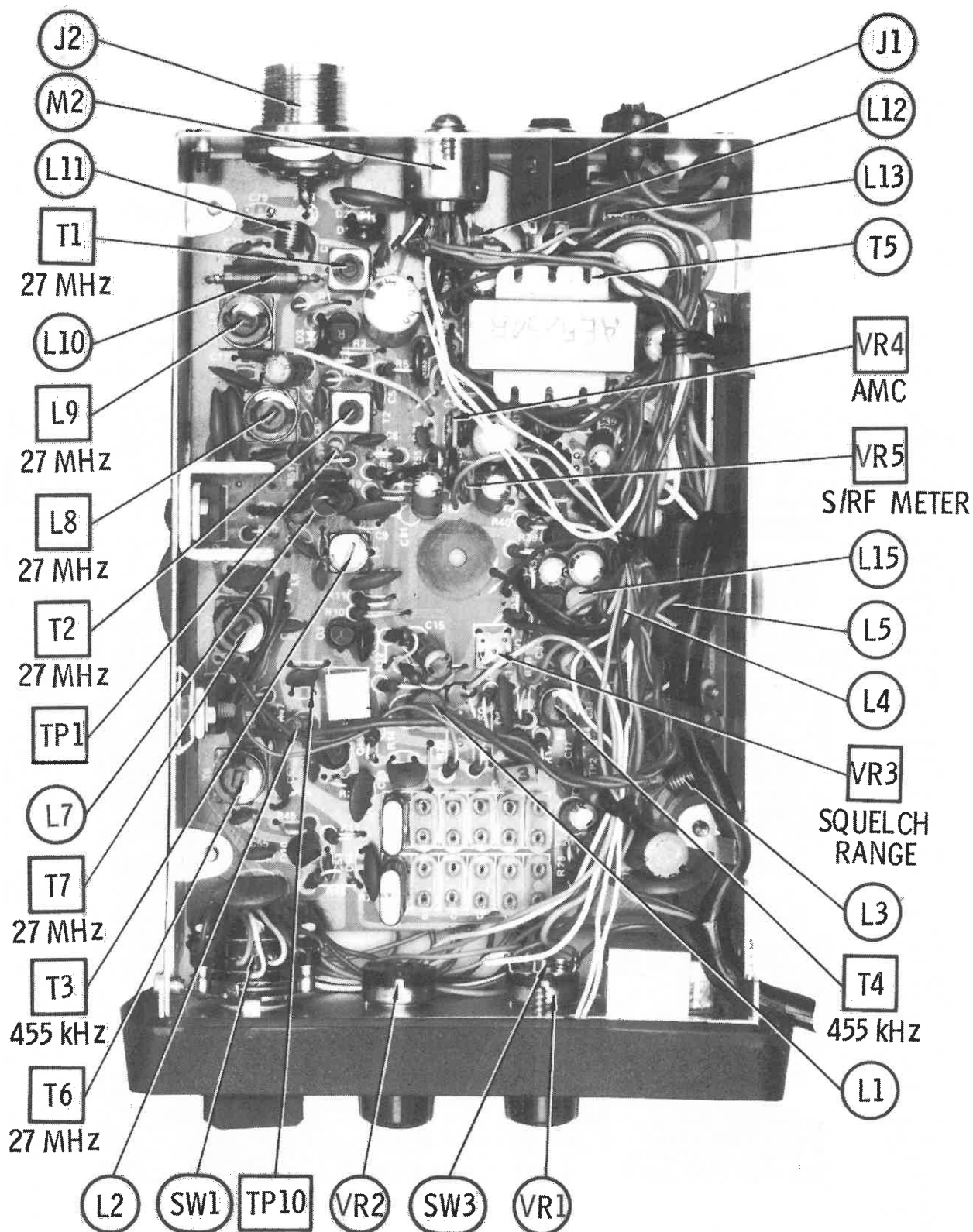
TRANSMITTER ADJUSTMENTS

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

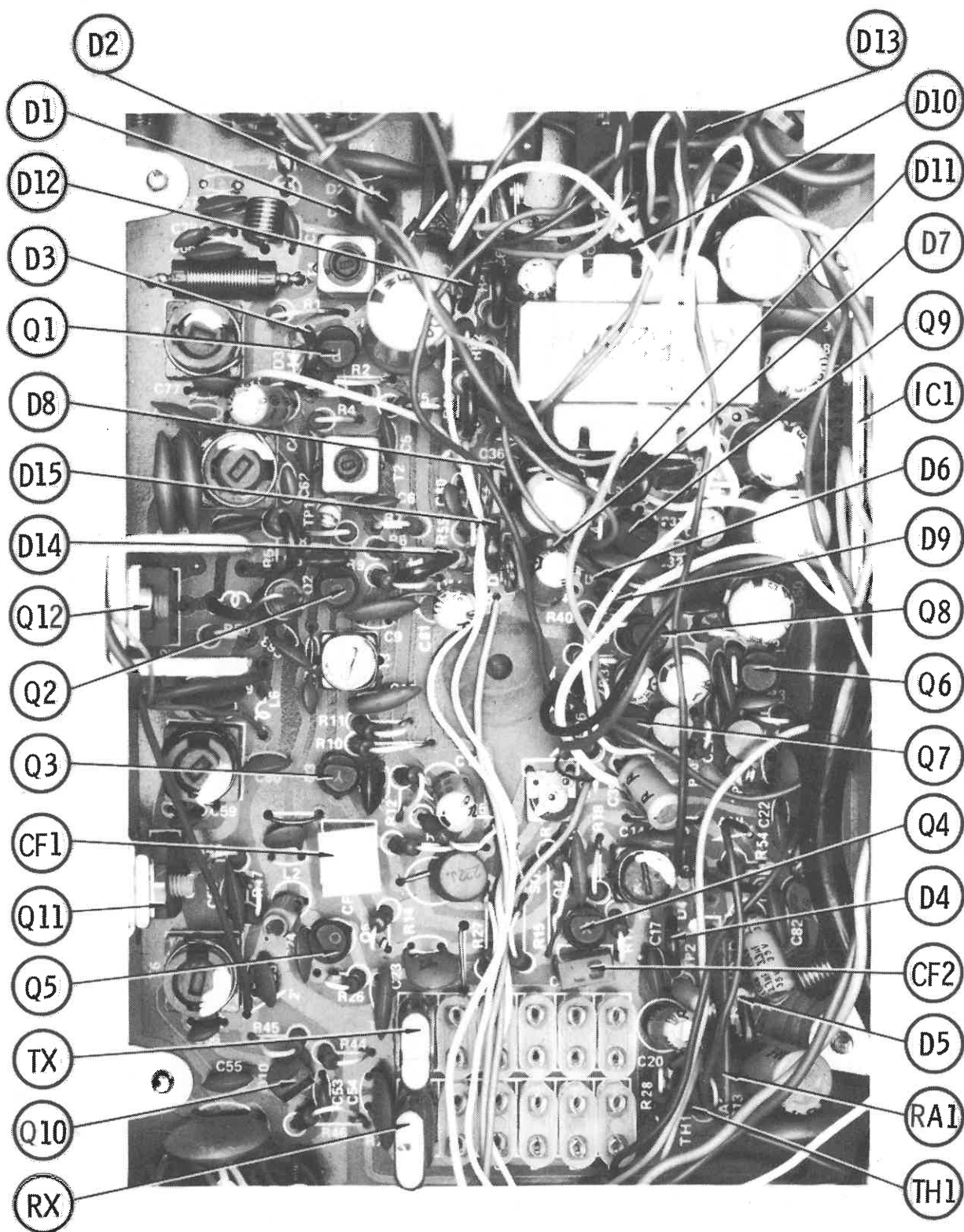
NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.

See page 4 for channel frequencies.

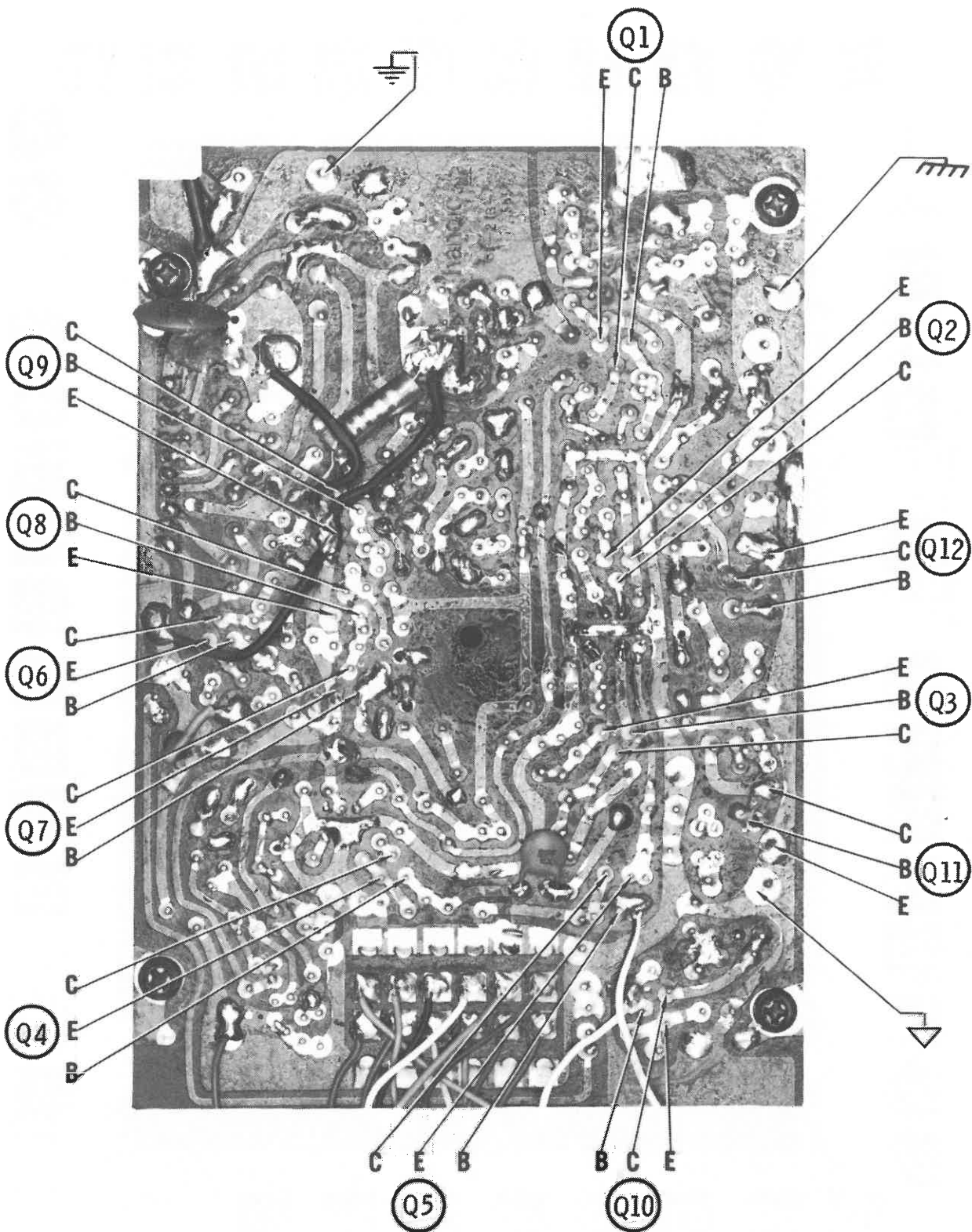
TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Modulation meter to antenna jack. Inject a 1000Hz, 20mV signal at Mic input.	Ch. A	VR4	AMC Adjust VR4 for 100% modulation maximum.
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.	Ch. A	VR5	RF PANEL METER Adjust VR5 so that RF panel meter agrees with RF wattmeter.



CHASSIS - BOTTOM



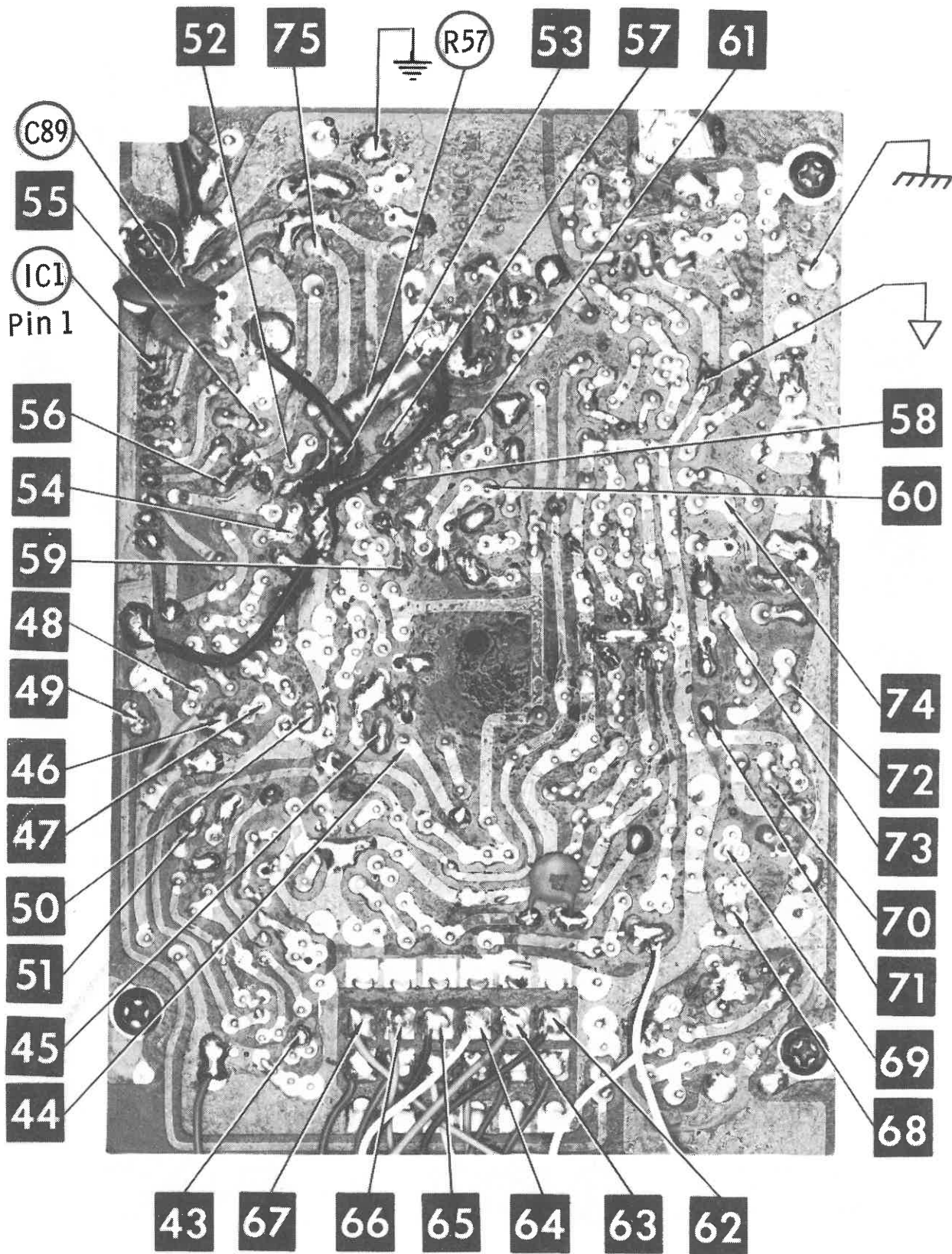
MAIN BOARD



MAIN BOARD

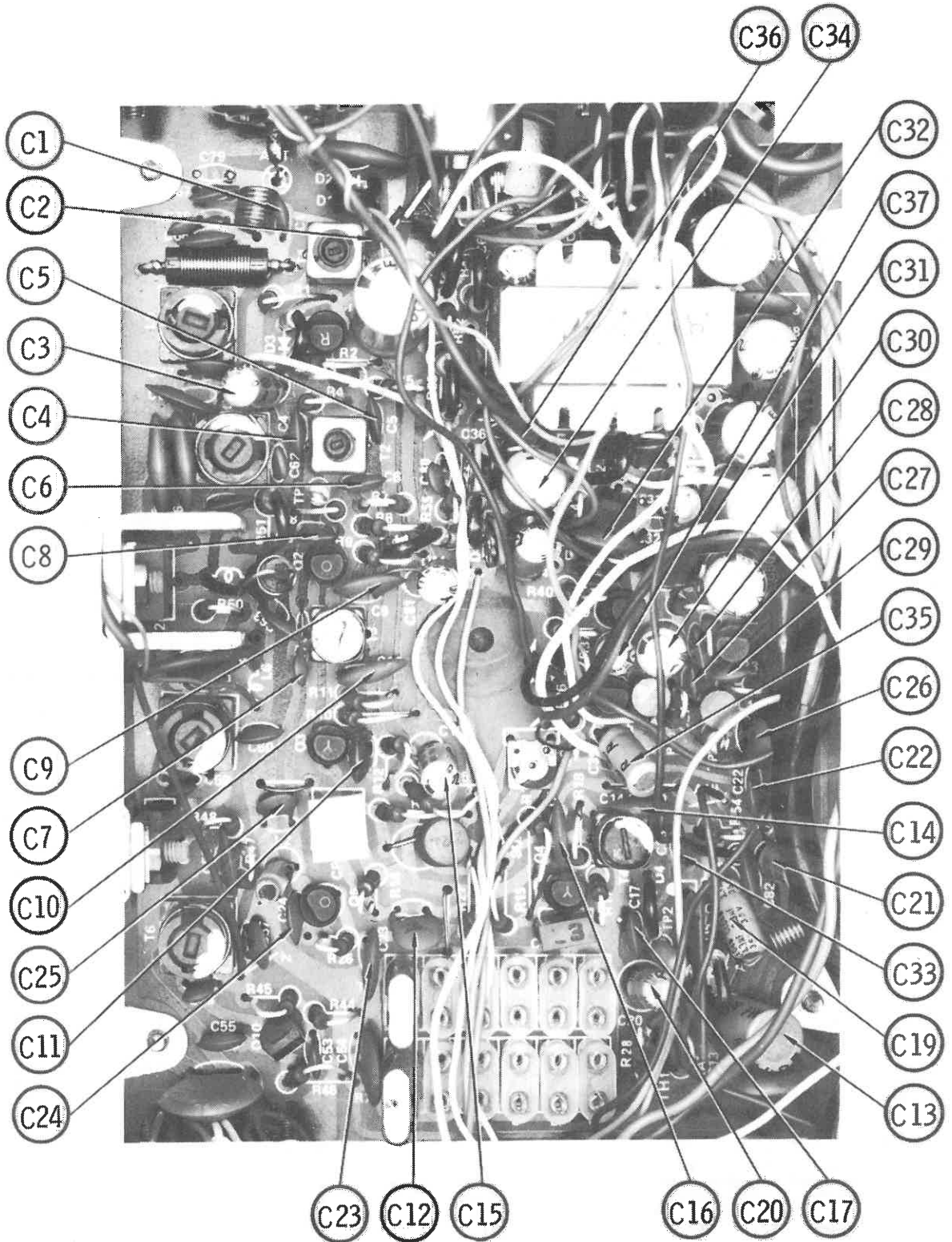


MAIN BOARD

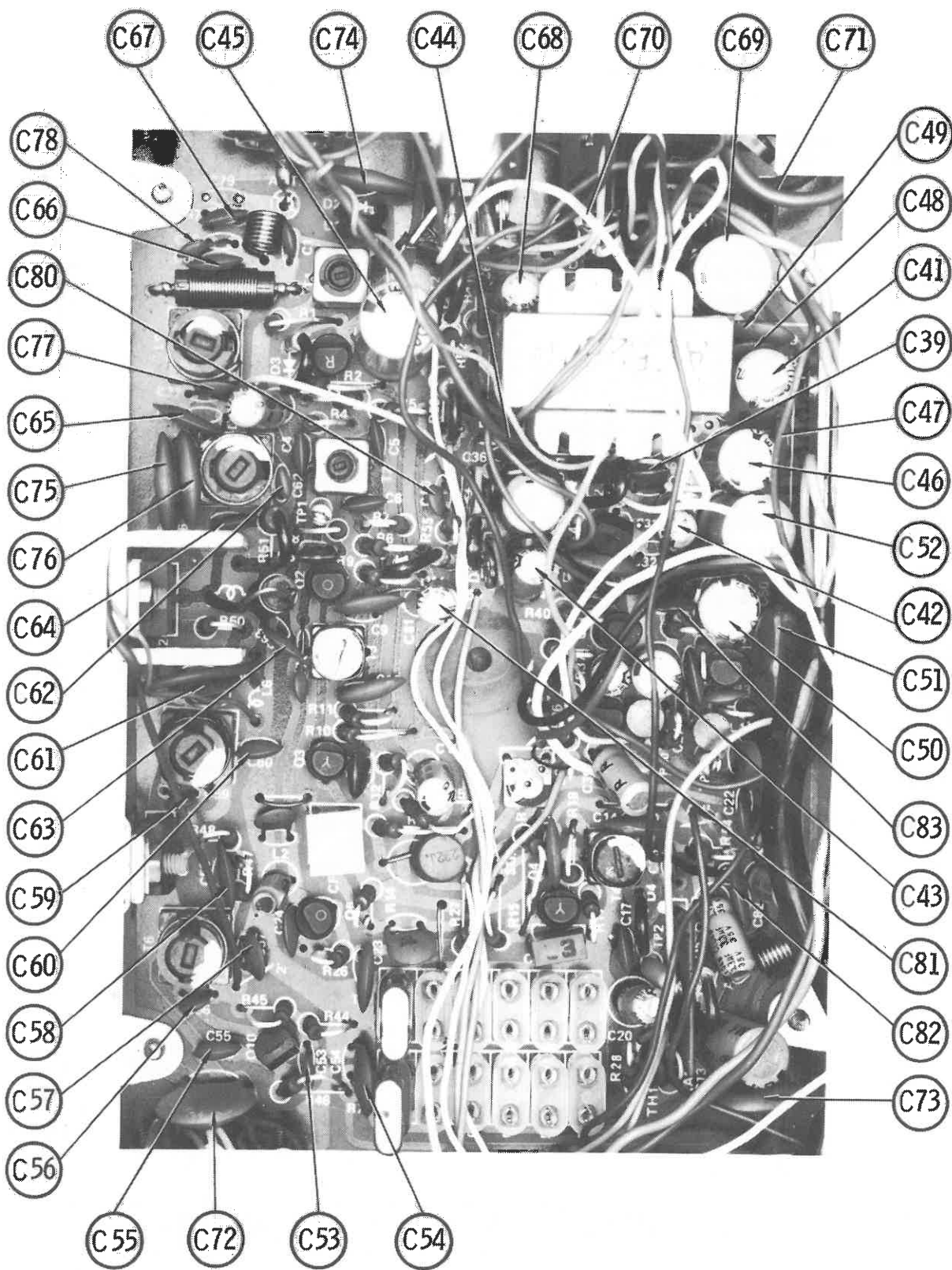


HANDIC MODEL 605DL

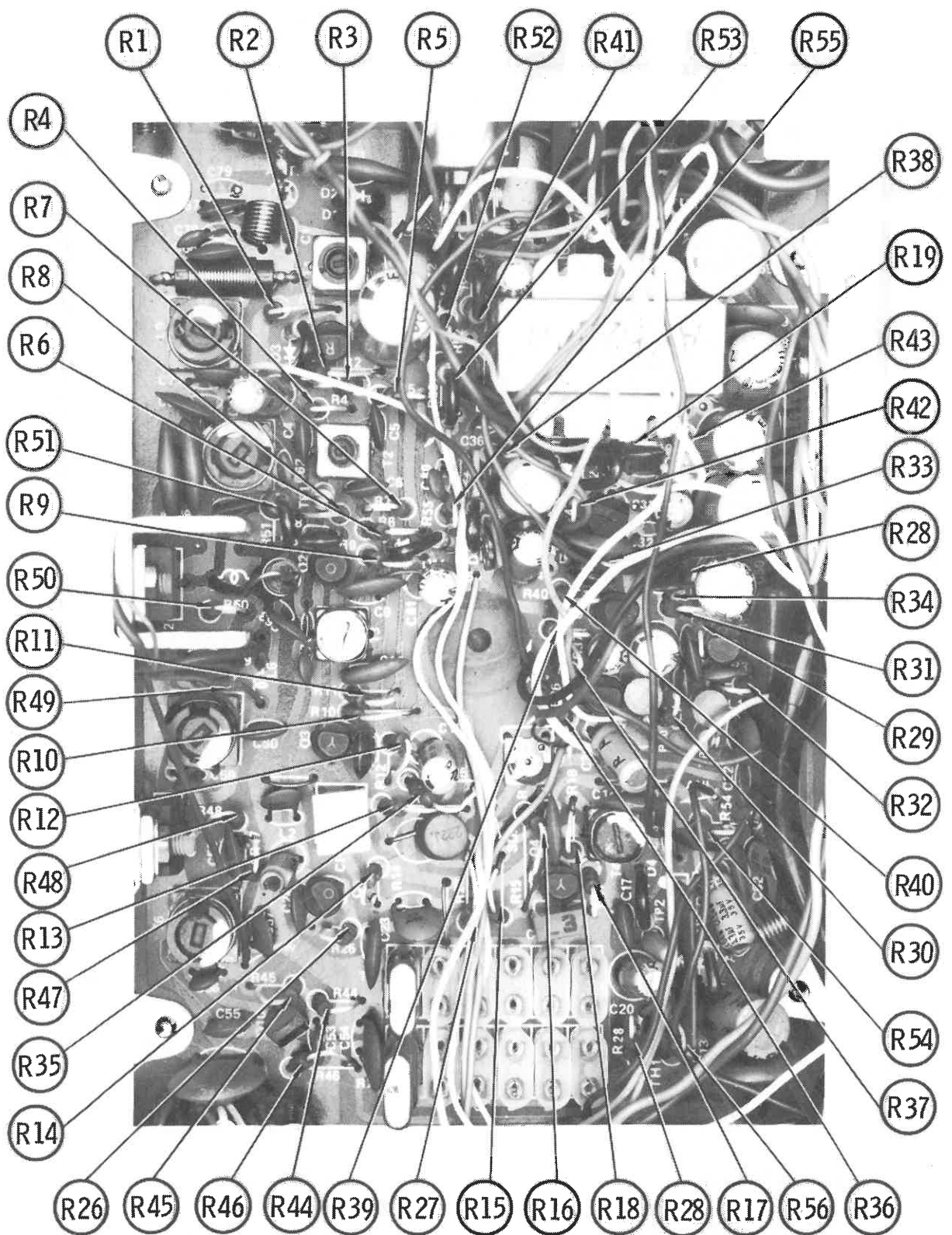
MAIN BOARD



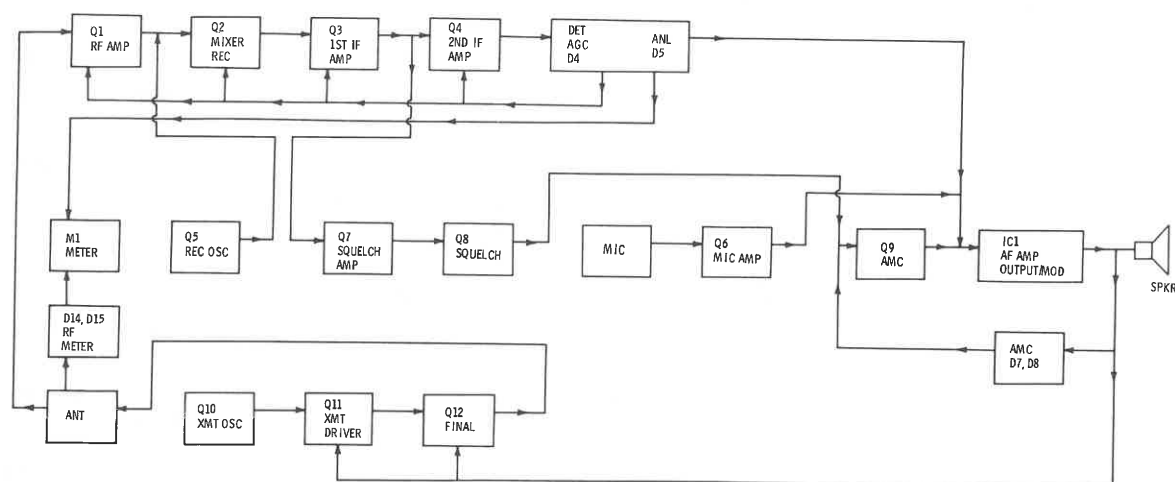
MAIN BOARD



MAIN BOARD



MAIN BOARD



BLOCK DIAGRAM

PARTS LIST AND DESCRIPTION

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

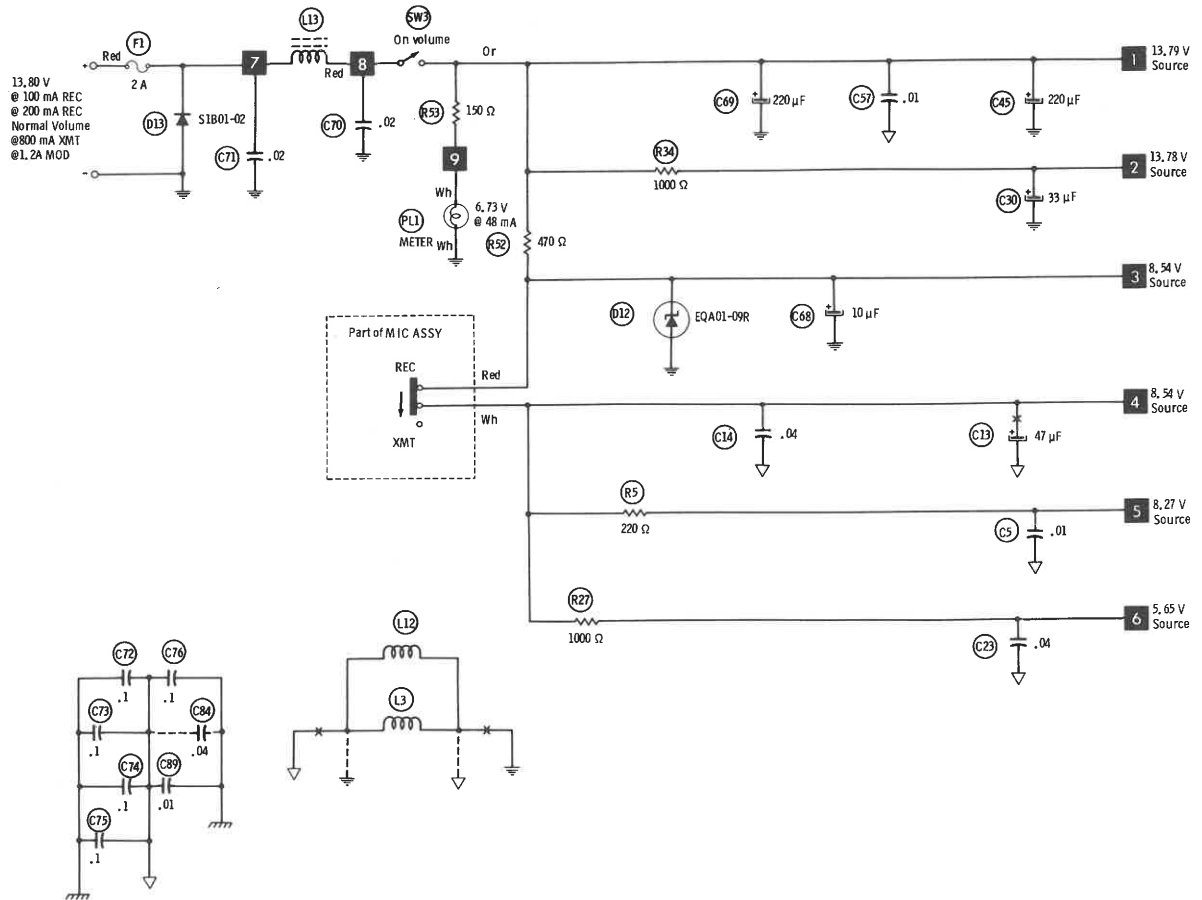
SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D1	1S1555	992150	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D2	1S1555	992150	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D3	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D4	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D5	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D6	EQA01-05S		GEZD-5.1	Z1203		HEPZ0406		SK3056	RT-235	
D7	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D8	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D9	HV80	992164	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D10	1B01-02	992171	GE-504A	5A4D	PTC201	HEPR0053	RE 49	SK3016	RT-214	ECG116
D11	1B01-02	992171	GE-504A	5A4D	PTC201	HEPR0053	RE 49	SK3016	RT-214	ECG116
D12	EQA01-09R		GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D13	1B01-02	992171	GE-504A	5A4D	PTC201	HEPR0053	RE 49	SK3016	RT-214	ECG116
D14	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D15	1N60	992143	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
IC1	HA-1339									ECG1169
Q1	2SC784R	992108	GE-60 *	(IR)2SC380A0	PTC132 *	HEPS0008 *	RE 28 *	SK3018 *	RT-187	ECG229 *
Q2	2SC372-0	992052	GE-61 *	(IR)2SC372	PTC121 *	HEPS0015 *	RE 13 *	SK3122	RT-308	ECG123A *
Q3	2SC372Y	992059	GE-61 *	(IR)2SC372	PTC121 *	HEPS0015 *	RE 13 *	SK3122	RT-308	ECG123A *
Q4	2SC372Y	992059	GE-61 *	(IR)2SC372	PTC121 *	HEPS0015 *	RE 13 *	SK3122	RT-308	ECG123A *
Q5	2SC373-0	992066	GE-212	(IR)2SC373	PTC121 *	HEPS0015 *	RE 192	SK3122	RT-105	ECG199
Q6	2SC373	992066	GE-212	(IR)2SC373	PTC121 *	HEPS0015 *	RE 192	SK3122	RT-105	ECG199
Q7	2SC373	992066	GE-212	(IR)2SC373	PTC121 *	HEPS0015 *	RE 192	SK3122	RT-105	ECG199
Q8	2SC373	992066	GE-212	(IR)2SC373	PTC121 *	HEPS0015 *	RE 192	SK3122	RT-105	ECG199
Q9	2SC1364	992129	GE-210 *	(IR)2SC829B	PTC121 *	HEPS0015 *	RE 13 *	SK3124	RT-308	ECG123A *
Q10	2SC1364	992129	GE-210 *	(IR)2SC829B	PTC121 *	HEPS0015 *	RE 13 *	SK3124	RT-308	ECG123A *
Q11	2SC1728		GE-275	WEP918			RE 204		RT-310	ECG302
Q12	2SC1816		GE-216	WEP1306	PTC186		RE 203	SK3197	RT-146	ECG235

* Lead configuration may vary from original.

(11) Rating 950 MW @ 500 mA

(12) Rating 16 WATT @ 4.0 AMP



- * Circuitry not used in some versions
- Circuitry used in some versions

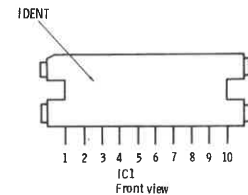
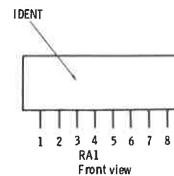
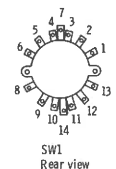
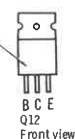
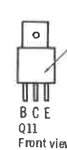
- o See parts list
- * Nominal value
- ⏏ Ground
- Chassis
- ▽ Common tie point

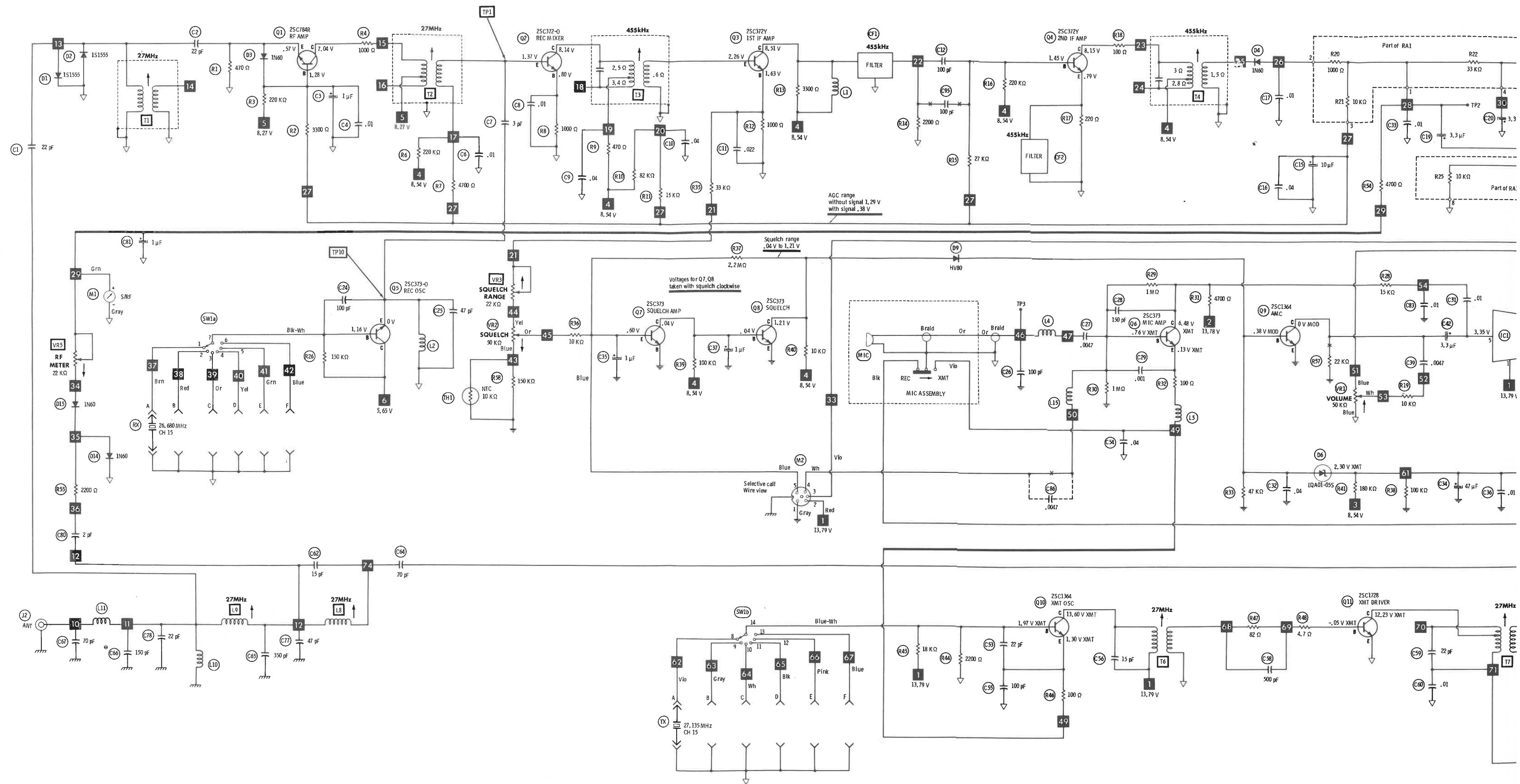
Measurements made with switching as shown unless noted.
Item numbers in rectangles appear in the alignment/adjustment instructions.
Supply voltage maintained as shown at input.
Voltages measured with digital meter, no signal.
Controls adjusted for normal operation.
Arrow at control indicates direction of advance.
Terminal identification may not be found on unit.
Resistors are 1/2W or less, 5% unless noted.
Value in () used in some versions.

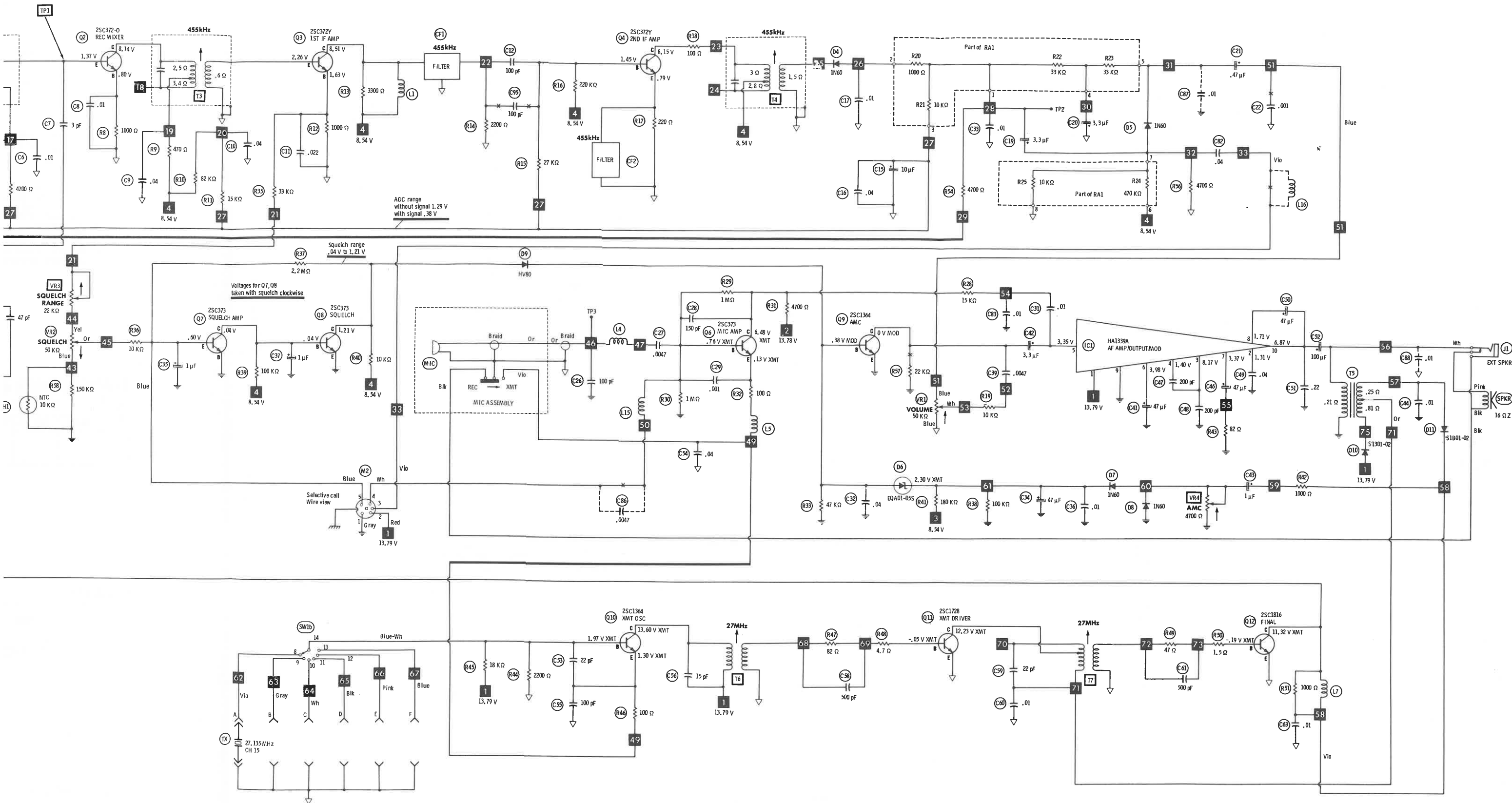
A PHOTOFAC STANDARD NOTATION SCHEMATIC WITH CIRCUITRACE™

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Terminal Guides







PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C3	1 50V	990008	PC1-50	VTT1A50	QV1-11	EV-1615
C13	47 16V	990043	PC50-16	VTT47D16	QV1-73	EV-1226
C15	10 16V	990036	PC10-25	VTT10B25	QV1-41	EV-1222
C19	3.3 16V	990554	PC5-50	VTT3R3A50	QV1-25	EV-1618
C20	3.3 16V	990554	PC5-50	VTT3R3A50	QV1-25	EV-1618
C21	.47 50V	990001	PC1-50	VTT47A63	QV1-3	EV-1610
C30	33 16V		PC30-25	VTT33D25	QV1-63	EV-1325
C34	47 16V	990043	PC50-16	VTT47D16	QV1-73	EV-1226
C35	1 50V	990008	PC1-50	VTT1A50	QV1-11	EV-1615
C37	1 50V	990008	PC1-50	VTT1A50	QV1-11	EV-1615
C41	47 16V	990043	PC50-16	VTT47D16	QV1-73	EV-1226
C42	3.3 16V	990554	PC5-50	VTT3R3A50	QV1-25	EV-1618
C43	1 50V	990008	PC1-50	VTT1A50	QV1-11	EV-1615
C45	220 16V	990057	PC200-16	VTT220H16	QE1-479	TVA-1160.6
C46	47 16V	990043	PC50-16	VTT47D16	QV1-73	EV-1226
C50	47 16V	990043	PC50-16	VTT47D16	QV1-73	EV-1226
C52	100 16V	990050	PC100-16	VTT100F16	QV1-95	EV-1230
C68	10 16V	990036	PC10-25	VTT10B25	QV1-41	EV-1222
C69	220 16V	990057	PC200-16	VTT220H16	QE1-479	TVA-1160.6
C81	1 50V	990008	PC1-50	VTT1A50	QV1-11	EV-1615

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS(cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C60	.01 25V		UK25-103		MAG2511		HY-520
C61	500 10% 50V		DD-501	GP500	GP350		10TS-T50
C62	15 10% 50V	(1)	DTZ-15	NP015	CN0415		10TCC-Q15
C63	.01 25V		UK25-103		MAG2511		HY-520
C64	70 10% 50V		DTZ-75	NP075	CN0475		10TCC-Q75
C65	350 50V		DD-391	GP390	GP339		10TS-T39
C66	150 50V	(1)	DD-151		GP315		10TS-T15
C67	70 10% 50V		DTZ-120	NP075	CN0312		10TCC-T12
C70	.02 25V		DTZ-75		CN0475		10TCC-Q75
C71	.02 25V		UK50-223		MAG5012		
C72	.1 25V		UK50-223		MAG5012		
C73	.1 25V		UK25-104		MAG2501		HY-750
C74	.1 25V		UK25-104		MAG2501		HY-750
C75	.1 25V		UK25-104		MAG2501		HY-750
C76	.1 25V		UK25-104		MAG2501		HY-750
C77	47 10% 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C78	22 5% 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C80	2 +.5 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C82	.04 25V				GP140		5GA-S40
C83	.01 25V			WMF1S1	EWF1A110	QFT2-91	1FT-S10
C84	.04 25V	(1)			GP140		5GA-S40
C86	.0047 25V	(1)	DD-472	GP4700	GP247		5GA-D47
C87	.01 25V	(1)	UK25-103		MAG2511		HY-520
C88	.01 25V	(1)	UK25-103		MAG2511		HY-520
C89	.01 25V		UK25-103		MAG2511		HY-520

(1) Used in some versions.

HANDIC MODEL 605DL

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C1	22 5% 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C2	22 5% 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C4	.01 25V		UK25-103		MAG2511		HY-520
C5	.01 25V		UK25-103		MAG2511		HY-520
C6	.01 25V		UK25-103		MAG2511		HY-520
C7	3 +.5 50V		DTZ-3R3	NP03P3	CN0533		10TCC-V33
C8	.01 25V			WMF1S1	EWF1A110	QFT2-91	1FT-S10
C9	.04 25V				GP140		5GA-S40
C10	.04 25V				GP140		5GA-S40
C11	.022 25V				M192P2239R8	QFT2-127	1FT-S22
C12	100 10% 50V		DTZ-100	DPMS2S22	CN0310		10TCC-T10
C14	.04 25V			NP0100	GP140		5GA-S40
C16	.04 25V				GP140		5GA-S40
C17	.01 25V			WMF1S1	EWF1A110	QF1-91	1PB-S10
C22	.001		DD-102		GP210		10TS-D10
C23	.04 25V				GP140		5GA-S40
C24	100 10% 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C25	47 10% 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C26	100 10% 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C27	.0047 50V			WMF1D47	M192P4729R8	QFT2-63	1FT-D47
C28	150 50V		DD-151		GP315		10TS-T15
C29	.001 10% 50V		DD-102		GP210		10TS-D10
C31	.01 25V			WMF1S1	EWF1A110	QFT2-91	1FT-S10
C32	.04 25V				GP140		5GA-S40
C33	.01 25V		UK25-103		MAG2511		HY-520
C36	.01 25V		UK25-103		MAG2511		HY-520
C39	.0047 50V			WMF1D47	M192P4729R8	QFT2-63	1FT-D47
C44	.01 25V		UK25-103		MAG2511		HY-520
C47	200 50V		DD-201	GP200	GP320		10TS-T20
C48	200 50V		DD-201	GP200	GP320		10TS-T20
C49	.04 25V				GP140		5GA-S40
C51	.22 50V			DPMS2P22	EWF1A022	QFT2-253	1FT-P22
C53	22 5% 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C54	.04 25V				GP140		5GA-S40
C55	100 10% 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C56	15 10% 50V		DTZ-15	NP015	CN0415		10TCC-Q15
C57	.01 25V		UK25-103		MAG2511		HY-520
C58	500 10% 50V		DD-501	GP500	GP350		10TS-T50
C59	22 5% 50V		DTZ-22	NP022	CN0422		10TCC-Q22

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
VR1	Volume/Switch	50K					
VR2	Squelch	50K					
VR3	Squelch Range	22K					
VR4	AMC	4700					
VR5	RF Meter	22K					

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFR. PART No.			WORKMAN PART No.	MFR. PART No.
RA1	Resistor Array			TH1	10K CoId NTC		992213

PARTS LIST AND D

(When ordering parts, state Mo

COILS (RF-IF)

ITEM No.	FUNCTION
L1	RF Choke (2.2mH)
L2	RF Choke (2.2uH)
L3	RF Choke
L4	RF Choke (10uH)
L5	RF Choke (10uH)
L7	RF Choke
L8	Final Amp (27MHz)
L9	Antenna Match (27MHz)
L10	RF Choke
L11	Pi Filter
L12	RF Choke
L15	RF Choke
L16	RF Choke (10uH)
T1	Rec Antenna (27MHz)
T2	Rec RF (27MHz)
T3	Rec Mixer (455kHz)
T4	IF (455kHz)
T6	XMT Oscillator(27MHz)
T7	XMT Driver (27MHz)

(1) Used in some versions.

TRANSFORMER (MC

ITEM No.	TURNS RATIO		
	PRI.	SEC. 1	SE
T5	1	.2	1.

SPEAKER

ITEM No.	TYPE
SP	2 1/4" PM 16 Ohms

FUSE DEVICES

ITEM No.	DESCRIPTION
F1	2A Fast Acting

PARTS LIST AND DESCRIPTION (CONTINUED)
(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS(cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C60	.01 25V	(1)	UK25-103	GP500 NP015	MAG2511		HY-520
C61	500 10% 50V		DD-501		GP350		10TS-T50
C62	15 10% 50V		DTZ-15		CN0415		10TCC-Q15
	22						
C63	.01 25V		UK25-103		MAG2511		HY-520
C64	70 10% 50V	(1)	DTZ-75	NP075	CN0475		10TCC-Q75
C65	350 50V		DD-391	GP390	GP339		10TS-T39
C66	150 50V		DD-151	NP075	GP315		10TS-T15
	120		DTZ-120		CN0312		10TCC-T12
C67	70 10% 50V		DTZ-75		CN0475		10TCC-Q75
C70	.02 25V	(1)	UK50-223	NP047 NP022 NP02P2	MAG5012	QFT2-91	
C71	.02 25V		UK50-223		MAG5012		
C72	.1 25V		UK25-104		MAG2501		HY-750
C73	.1 25V		UK25-104		MAG2501		HY-750
C74	.1 25V		UK25-104		MAG2501		HY-750
C75	.1 25V	(1)	UK25-104	NP047 NP022 NP02P2	MAG2501		HY-750
C76	.1 25V		UK25-104		MAG2501		HY-750
C77	47 10% 50V		DTZ-47		CN0447		10TCC-Q47
C78	22 5% 50V		DTZ-22		CN0422		10TCC-Q22
C80	2 +.5 50V		DTZ-2R2		CN0522		10TCC-V22
C82	.04 25V	(1)	DD-472	GP4700	GP140		5GA-S40
C83	.01 25V				EWFIAT110		1FT-S10
C84	.04 25V				GP140		5GA-S40
C86	.0047 25V				GP247		5GA-D47
C87	.01 25V				MAG2511		HY-520
C88	.01 25V	(1)	UK25-103		MAG2511		HY-520
C89	.01 25V		UK25-103		MAG2511		HY-520

(1) Used in some versions.

HANDIC MODEL 605DL

PARTS LIST AND DESCRIPTION (CONTINUED)
(When ordering parts, state Model, Part Number, and Description.)

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	RF Choke (2.2mH)	995010 995087 995094 995094 995017 995080 995031 995017 995087 995017 995094 (1) 995108 995045 995059 995122 995115	EL0610-222K		
L2	RF Choke (2.2uH)		LF4-2R2K		
L3	RF Choke		4LNC-092		
L4	RF Choke (10uH)		LF1-100K		
L5	RF Choke (10uH)		LF1-100K		
L7	RF Choke		4LNC-027		
L8	Final Amp (27MHz)		8SNF-057		
L9	Antenna Match (27MHz)		10PNP-028		
L10	RF Choke		4LNC-027		
L11	Pi Filter		4LNC-092		
L12	RF Choke		4LNC-027		
L15	RF Choke		LF1-100K		
L16	RF Choke (10uH)		(1)		
T1	Rec Antenna (27MHz)		74XN2229A0		
T2	Rec RF (27MHz)		1624B		
T3	Rec Mixer (455kHz)		7MC-452203N9		
T4	IF (455kHz)		4202		
T6	XMT Oscillator(27MHz)		8SNC-055		
T7	XMT Driver (27MHz)		8SND-061		

(1) Used in some versions.

TRANSFORMER (MODULATION)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T5	1	.2	1.2	AE5254B (1)			(1) Number on unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFR. PART No.	QUAM PART No.	
SP	2 1/4" PM 16 Ohms		22A05Z16	

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA							
		PART No.		BUSS PART No.		LITTELFUSE PART No.		WORKMAN PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	
F1	2A Fast Acting			AGC2	HDJ	312002	150145	FG2-2	

PARTS LIST AND DESCRIPTION (CONTINUED)

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

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC Lead Color →	Red	Shield	Yellow	Blue	White	Black
MIC					Orig Color →						

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF1	Filter		455kHz
CF2	Filter		455kHz
J1	Jack	599652	External Speaker
J2	Jack	599428	Antenna
M1	Meter		S/R
M2	Jack		Selective Call
PL1	Lamp		Meter Illumination (6.73V @ 48mA)
SW1	Switch		Channel Selector
SW3	Switch		Power (Part of Volume Control)
RX	Crystal		26.680MHz (Rec. Osc.)
TX	Crystal		27.135MHz (XMT. Osc.)

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

ITEM	PART No.	ITEM	PART No.
Escutcheon Assembly	599519	Knob, Channel	599043
Knob, Volume/Squelch	599554		

WIRING DATA

General-use Hook-up Wire (available in 5 colors)	BELDEN No. 8523	Coiled Microphone Cable	
Shielded Hook-up Wire (spiral wrapped)	BELDEN No. 8421	3-conductor (1 shielded)	23AWG BELDEN No. 9471 (5')
(braided)	BELDEN No. 8401		BELDEN No. 8497 (6')
Speaker Cable (available in 4 colors)	BELDEN No. 8782		BELDEN No. 9472 (7-1/2')
Bonding Strap	BELDEN No. 8672		28AWG BELDEN No. 9466 (6')
AC Power Cord	(6') BELDEN No. 17106		31AWG BELDEN No. 9468 (10')
	(9') BELDEN No. 17109	4-conductor (unshielded)	23AWG BELDEN No. 8415 (6')
		5-conductor (1 shielded)	28AWG BELDEN No. 9467 (6')
			BELDEN No. 9465 (7-1/2')