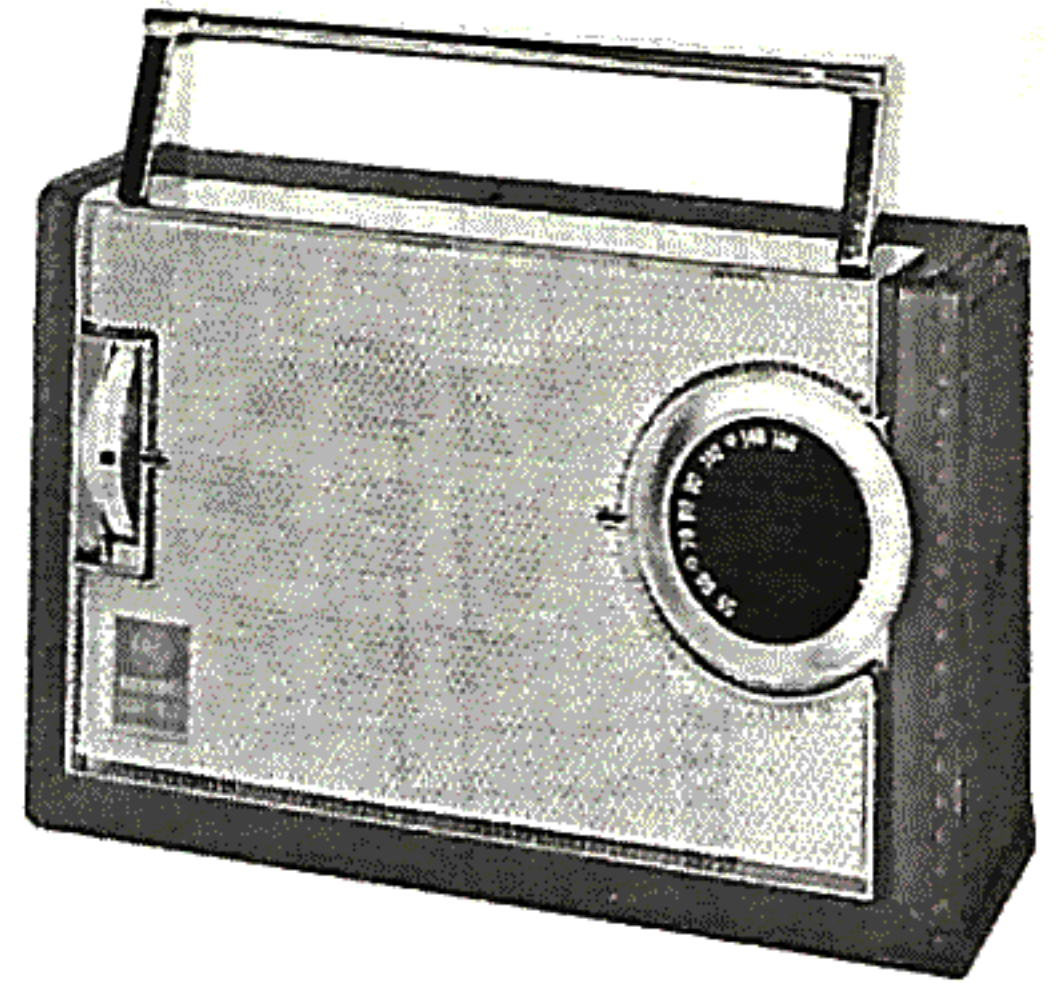




# PHOTOFACT<sup>®</sup> with

# CIRCUITRACE<sup>®</sup>

Met dank aan Jef Bos



**TRADE NAME:** General Electric Models P810A, P811A  
**SUPPLIER:** General Electric Co.,  
 Product Service-Radio Receiver Dept.  
 1211 South St., Utica, N. Y.  
**TYPE SET:** 5 Transistor AM Receiver  
**POWER SUPPLY:** 9 Volts DC  
**RATING:** 23 MA @ 9VDC  
**TUNING RANGE:** BROADCAST 540 - 1620KC

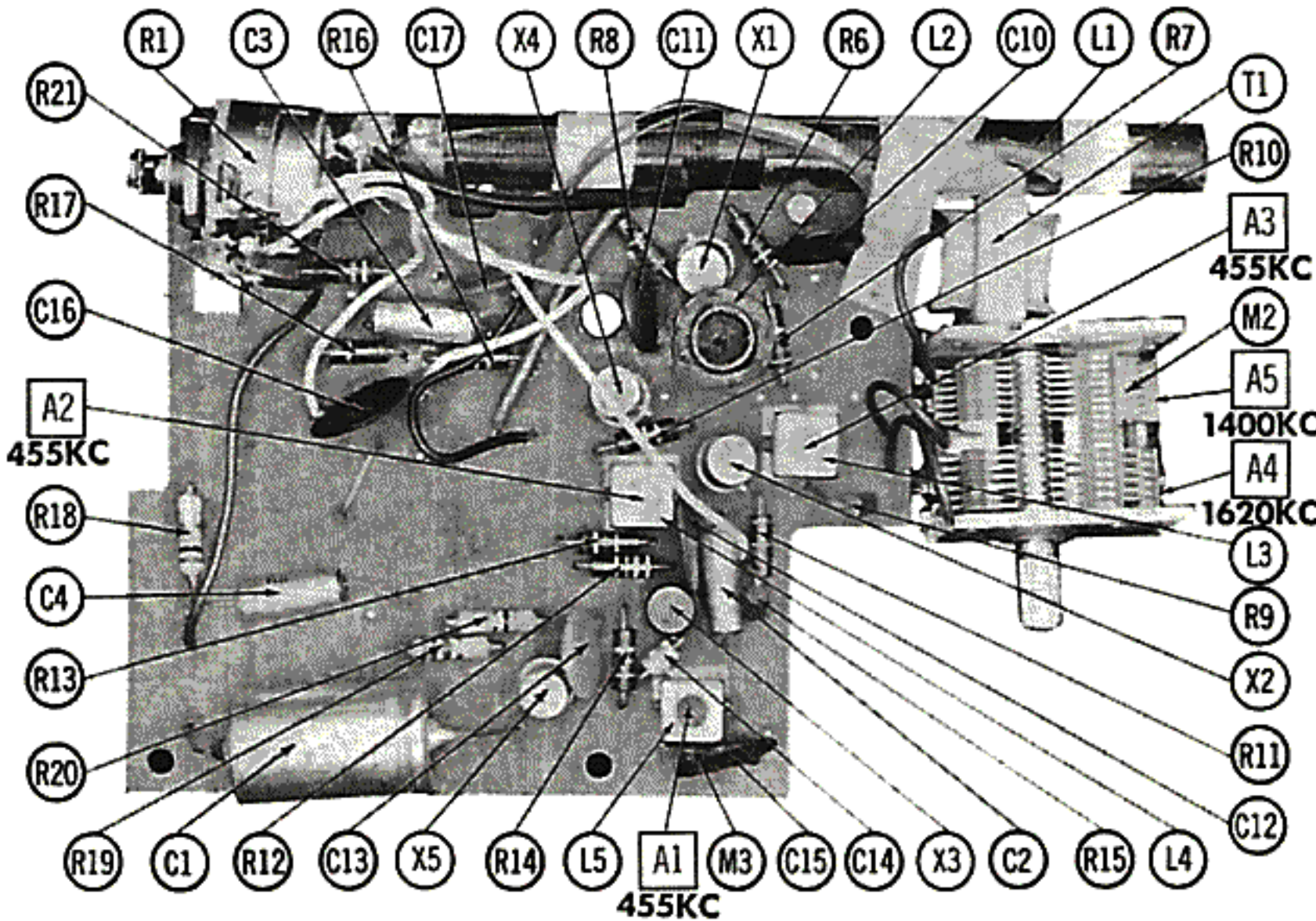
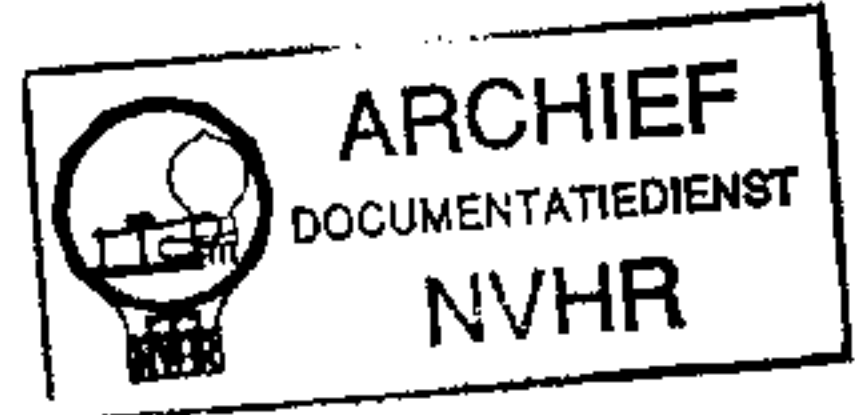
## ALIGNMENT INSTRUCTIONS

Check for specified source voltage.  
 Fashion loop of several turns of wire and connect generator across loop.  
 Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.  
 Suggested Alignment Tools:

A1, A2, A3, A4, A5.....GENERAL CEMENT #5000, 5066...WALSCO #2528, 2525, 2512

	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	455KC (400 Mod.)	Tuning gang fully open.	Output Meter across voice coil.	A1, A2, A3	Adjust for maximum. Repeat as required.
2.	1620KC	"	"	A4	Adjust for maximum.
3.	1400KC	"	"	A5	Adjust for maximum.

Ned. Ver. v. Historie v/d Radio



## TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	G. E. PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
X1		Converter	DS-25	GE-1		PNP	RS-3277
X2		1st IF Amplifier	DS-25	GE-1		PNP	RS-3278
X3		2nd IF Amplifier	DS-25	GE-1		PNP	RS-3279*
X4		Driver	DS-26	GE-2		PNP	RS-2680
X5		Output	DS-26	GE-2		PNP	RS-3281

\* When R12 is 33K, X3 is Part #RS-5304.

## ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	G. E. PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	500	10	RS-4048	PRS1170	BR500-12	QTI-30	BL2232	TC1505	TVA-1132
C2	6	15	RS-2614	CRE455A	NLW6-15	MT1-5	MLV5-15	TT25X8	TE-1153
C3	2	25	RS-2615	PTT75	NLW2-50	MT1-1	MLV2-50	TT50X2	TE-1201
C4	2	25	RS-2615	PTT75	NLW2-50	MT1-1	MLV2-50	TT50X2	TE-1201

## 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.	
C10	.0033			DM-302					
C11	.005		TTD-006	CK-502	H1			TA-250	TG-D50
C12	.01		TTD-01	CK-103	H2			TA-110	TG-S10
C13	.05		TTD-05	CK-503	H5			TA-150	TG-S50
C14	4.7 10%		NPO-SI 4.7	TCZ-4R7	C10V47C	CCTO-4R7		CNO-547	10TCC-V47
C15	.02		TTD-02	CK-203	H3			TA-120	TG-S20
C16	.02		TTD-02	CK-203	H3			TA-120	TG-S20
C17	.1		TTD-1	CK-104	H6			TA-010	TG-P10

## CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			G. E. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume & Switch	10K	RS-1587 (867B325-1)				

## COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		G. E. PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick	RS-4080					
L2	Osc.	RS-3125					
L3	1st IF	RS-2977					
L4	2nd IF	RS-3124					
L5	3rd IF	RS-2970					

# DESCRIPTION

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
			G. E. PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	
	PRI.	SEC.					
T1	400Ω CT	3-4Ω	RS-4087				

## SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		G. E. PART No.	QUAM PART No.	
SP1	3 1/2" PM 3-4Ω	RB-1083	3A05R	

## BATTERIES

ITEM No.	VOLTAGE	G. E. PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9 9		M6 930 (or AL-9, Hg-9)	266 1015 (or E91, E9)	M-1605 M-15R (or E91, E9)	① ① 6 Required

① Receiver may operate from either 9V pack or 6 cells in holder.

## MISCELLANEOUS

ITEM No.	PART NAME	G. E. PART No.	NOTES
M2 M3	Tuning Cap Detector	RS-3787 RS-1811	

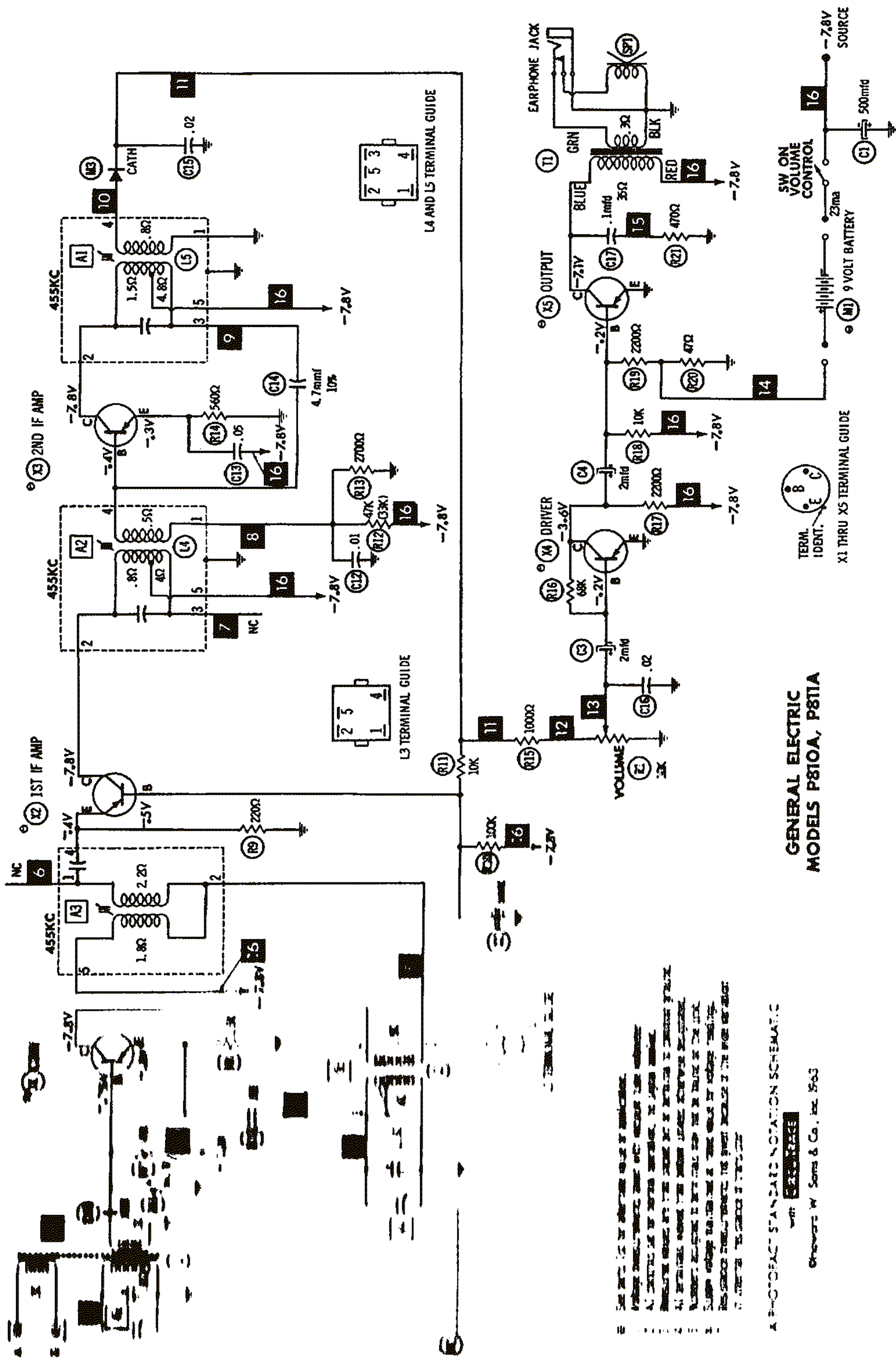
## CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
Knob - Tuning	RS-4085	Cabinet Back - Model P810A	RB-1322
Knob - Volume	RS-4084	Cabinet Back - Model P811A	RB-1323
Cabinet - Front	RB-1321		

## WIRING DATA

General-use Unshielded Hook-up Wire .....	Use BELDEN No. 8530 (Solid 22AWG)	Available
	8524 (Stranded 22AWG)	in
	8570 (Stranded 26AWG)	12 Colors



**GENERAL ELECTRIC  
MODELS P810A, P811A**

A PHOTOFACT STANDARD NOTATION SCHEMATIC  
with **REFERENCES**  
Obtain in Sams & Co., Inc. 563

1. THE PARTS LIST IS SUBJECT TO CHANGE WITHOUT NOTICE.  
2. ALL PARTS LISTED ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
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