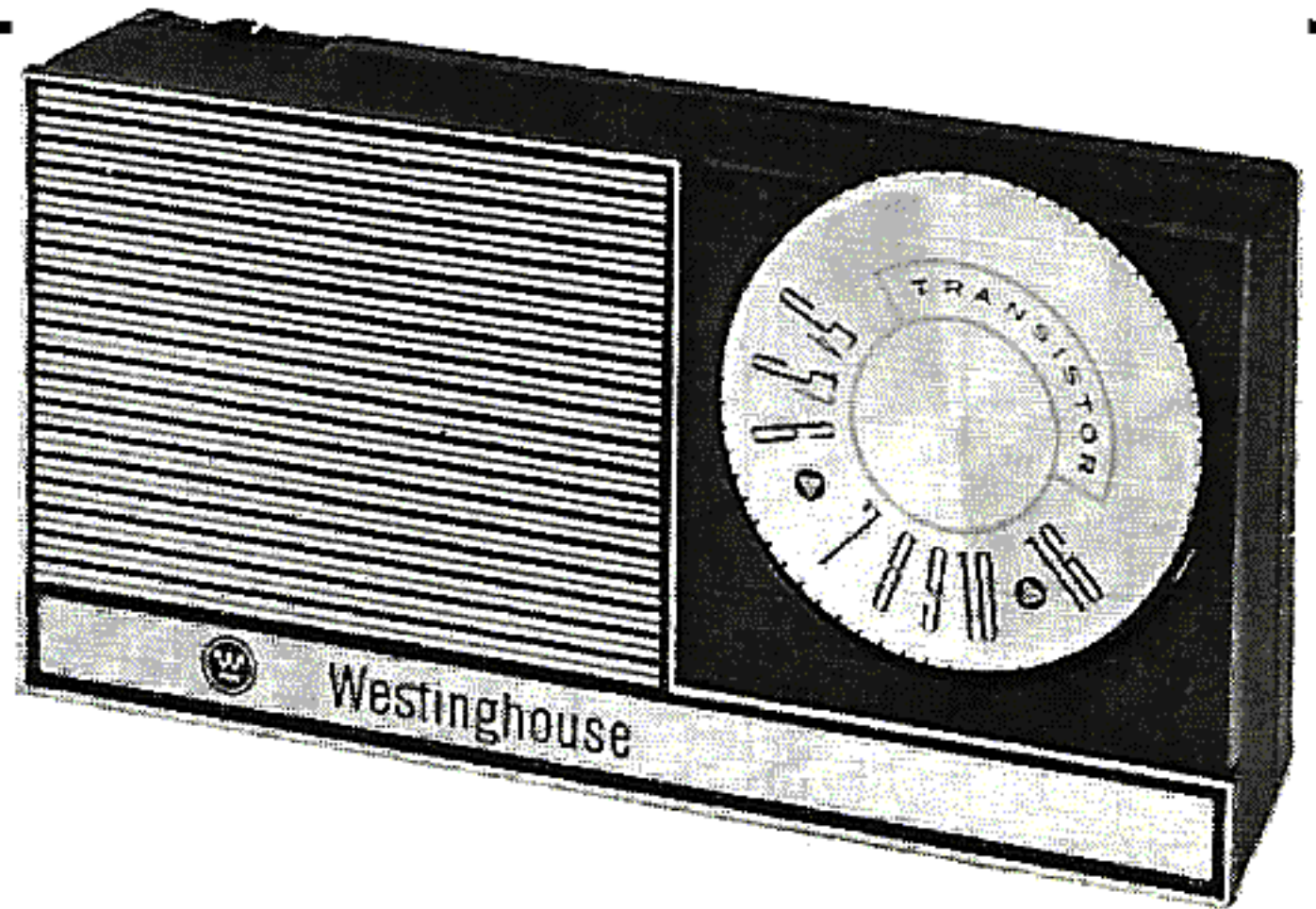


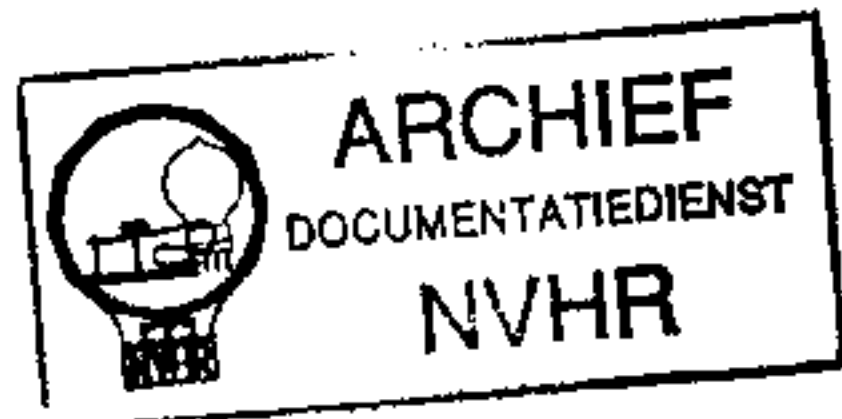


PHOTOFACT[®] with

CIRCUITRACE[®]



TRADE NAME: Westinghouse Chassis V-2425-1
 Models H-841P6/ P6GPA, H-842P6/P6GPA
SUPPLIER: Westinghouse Electric Corp.,
 Radio-TV Div., Metuchen, N. J.
TYPE SET: 6 Transistor AM Receiver
POWER SUPPLY: 3 Volts DC
RATING: 15MA @ 3VDC (No Signal, Min. Volume)
 22MA @ 3VDC (Signal, Normal Volume)
TUNING RANGE: BROADCAST 540 — 1620KC

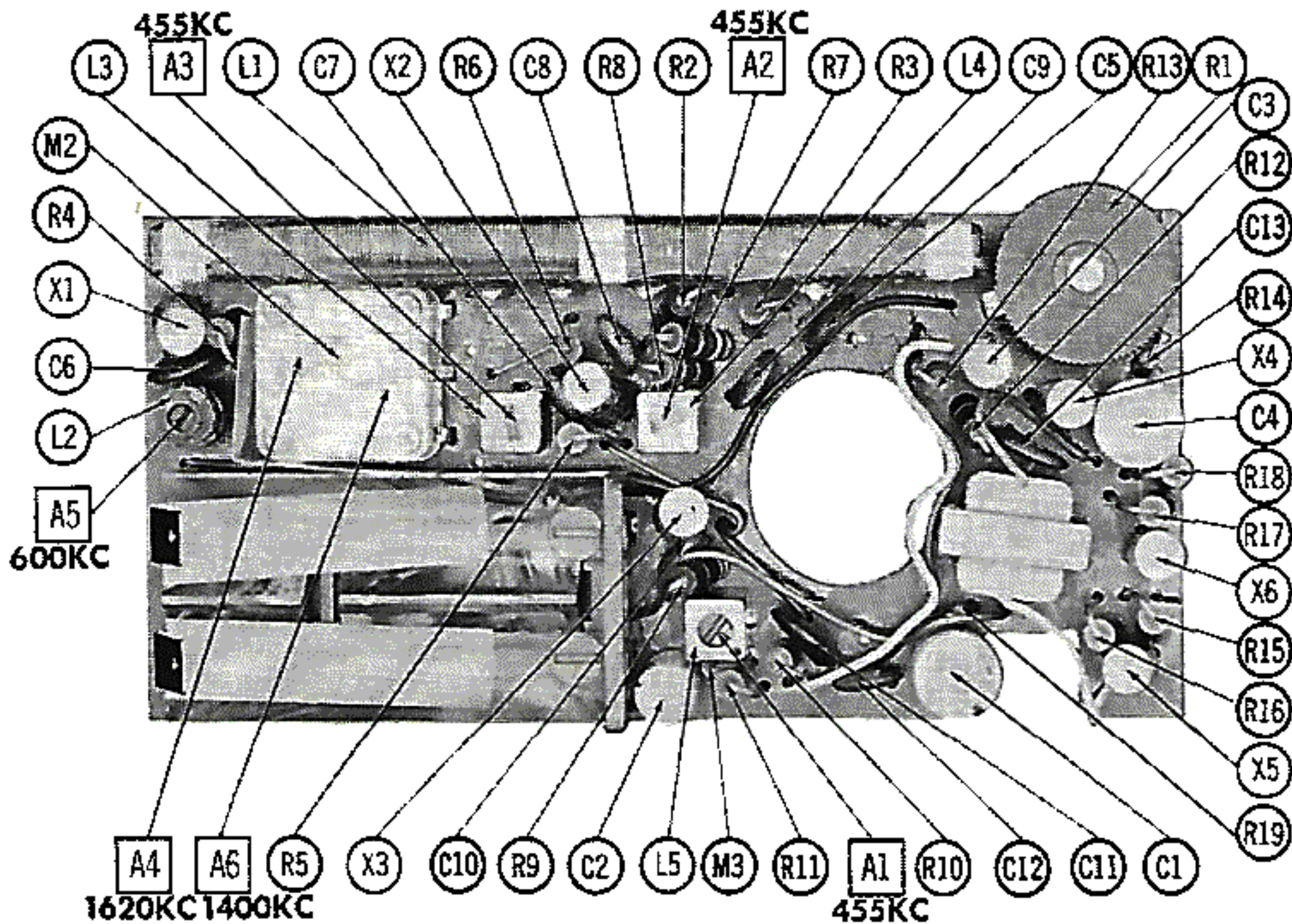


ALIGNMENT INSTRUCTIONS

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..... GENERAL CEMENT #5067, 8282, 8606..... WALSCO #2526, 2543
 A4, A6..... GENERAL CEMENT #5000, 5066, 8290..... WALSCO #2525
 A5..... GENERAL CEMENT #8282, 8606..... WALSCO #2526, 2543

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. 600KC	Tune to Signal.	"	A5	Rock tuning gang and adjust for maximum. Repeat steps 2 and 3.
4. 1400KC	"	"	A6	Adjust for maximum.



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

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	Westinghouse PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
X1	2N1526	Converter	DS-25	GE-1	2N1526	PNP	297V026H01
X2		1st IF Amplifier	DS-25	GE-1	2N410	PNP	297V012H15
X3		2nd IF Amplifier	DS-25	GE-1	2N410	PNP	297V012H15
X4		Driver	DS-26	GE-2	2N406	PNP	297V004H15
X5		Output	DS-26	GE-2	2N408	PNP	297V025H04
X6		Output	DS-26	GE-2	2N408	PNP	297V025H04

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	Westinghouse PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	100	3.5	218V012H35						
C2	10	3	218V012H34	CRE211	NLW10-3	MT1-5			TE-1053
C3	5	3	218V012H33	CRE204	NLW5-15	MT1-3			TE-1052.2
C4	100	3.5	218V012H35						

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.
C5	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C6	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C7	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C8	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C9	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C10	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C11	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C12	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C13	.02		TTD-02	CK-203	H3		TA-120	TG-S20

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			Westinghouse PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume & Switch	5000Ω	270V139H01				

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		Westinghouse PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick	310V0811101					
L2	Occ.	330V1101101					
L3	1st IF	215V0921101	BC-569	2001	RTC-0202		
L4	2nd IF	215V0921102	BC-570	2002	RTC-0203		
L5	1st IF	215V0921101	BC-571	2003	RTC-0204		

DESCRIPTION

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
			Westinghouse PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.1						
T1	3.3	1	430V120H01					
		SEC.2						
		1						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		Westinghouse PART No.	QUAM PART No.	
SP1	2" PM 6-8Ω	570V080H02		

BATTERIES

ITEM No.	VOLTAGE	Westinghouse PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	3		930 (or AL-9, Hg-9)	1015 (or E91, E9)	M-15R (or MN1500, ZM-9)	2 Required

MISCELLANEOUS

ITEM No.	PART NAME	Westinghouse PART No.	NOTES
M2 M3	Tuning Cap. Detector (1N295)	330V048H01 296V002H07	

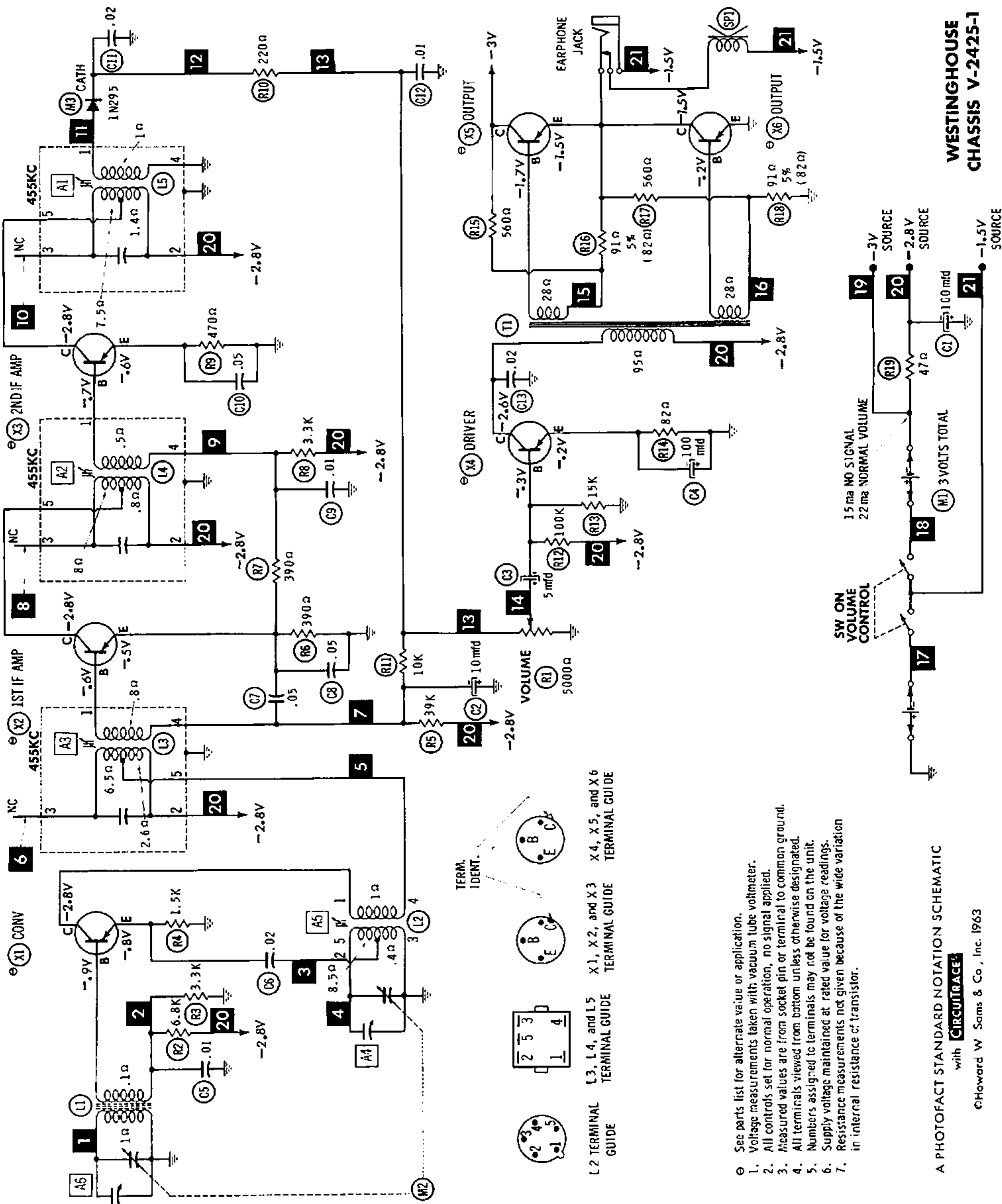
CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
<u>MODELS H-841P6, H-841P6GPA</u>		<u>MODELS H-842P6, H-842P6GPA</u>	
Knob - Tuning	559V123H01	Knob - Tuning	559V123H02
Knob - Volume	550V234H01	Knob - Volume	550V234H01
Cabinet Front (Beige & Gold)	513V115H01	Cabinet Front (Charcoal & Silver)	513V115H05
Cabinet Back (Beige)	513V115H02	Cabinet Back (Charcoal)	513V115H04

WIRING DATA

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



A PHOTOFAC STANDARD NOTATION SCHEMATIC with **CIRCUITACE**

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WESTINGHOUSE CHASSIS V-2425-1

- ① See parts list for alternate value or application.
- ② Voltage measurements taken with vacuum tube voltmeter.
- ③ All controls set for normal operation, no signal applied.
- ④ Measured values are from socket pin or terminal to common ground.
- ⑤ All terminals viewed from bottom unless otherwise designated.
- ⑥ Numbers assigned to terminals may not be found on the unit.
- ⑦ Supply voltage maintained at rated value for voltage readings.
- ⑧ Resistance measurements not given because of the wide variation in internal resistance of transistor.

L2 TERMINAL TERMINAL GUIDE
 L3, L4, and L5 X1, X2, and X3 X4, X5, and X6
 TERMINAL GUIDE TERMINAL GUIDE

