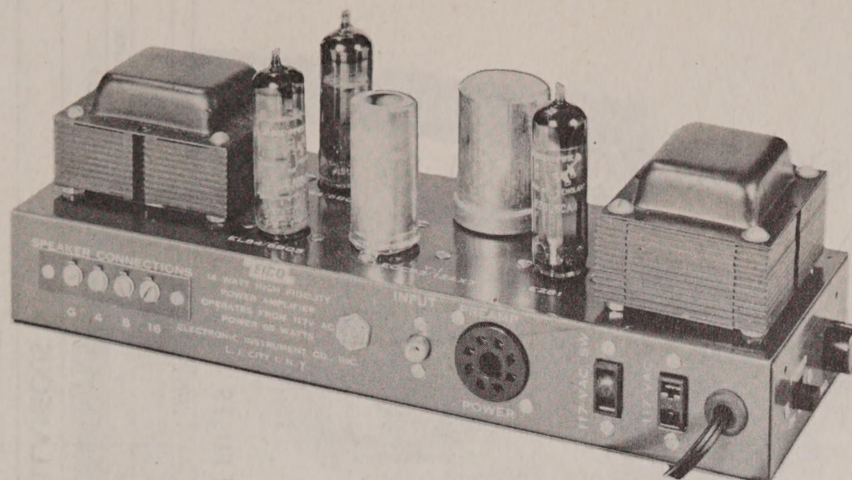
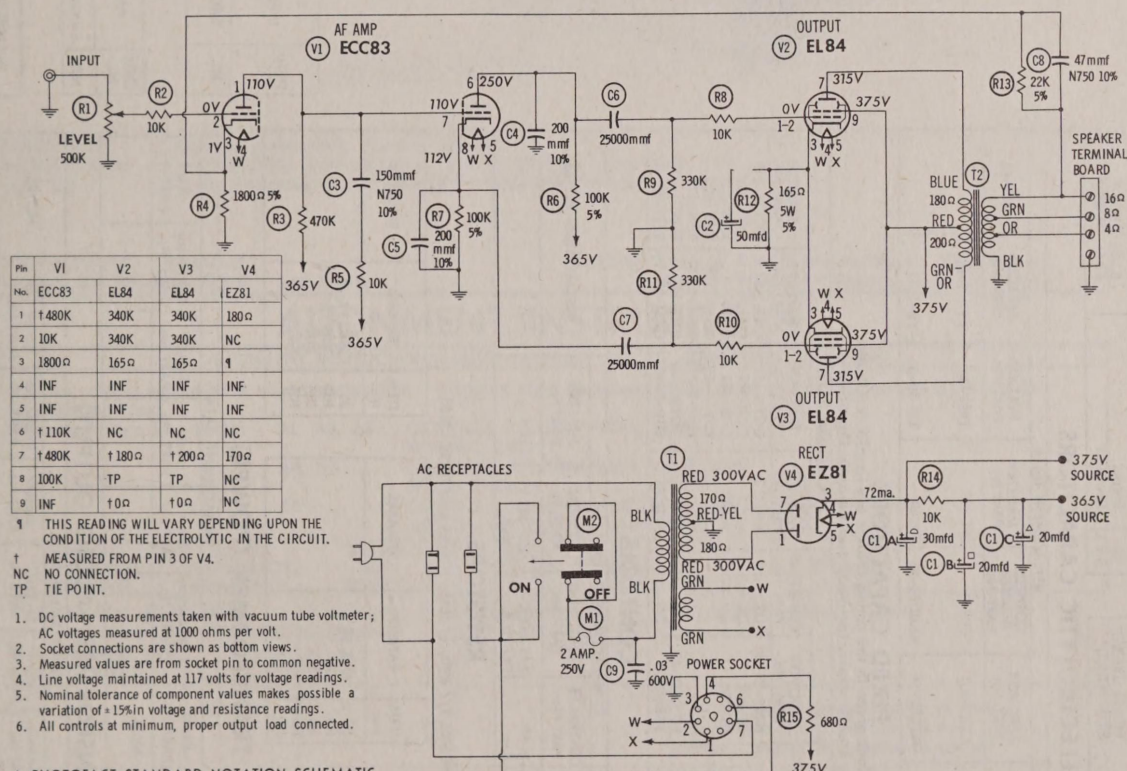




TEICO MODEL HF-14

EICO MODEL HF-14

TRADE NAME	Eico Model HF-14		
MANUFACTURER	Electronic Instrument Co., Inc., 3300 Northern Blvd., Long Island City 1, N. Y.		
TYPE SET	AC Operated 4 Tube Audio Amplifier		
POWER SUPPLY	110-120 Volts AC, 60 Cycles	RATING	59 Watts, .57 Amp. @117 Volts AC



A PHOTOFACT STANDARD NOTATION SCHEMATIC
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PARTS LIST AND DESCRIPTIONS

CHASSIS—BOTTOM VIEW

TUBES

◆ CBS ◆		◆ GENERAL ELECTRIC ◆		◆ RAYTHEON ◆		◆ SYLVANIA ◆	
ITEM No.	USE	TYPE		ITEM No.	USE	TYPE	
V1	A.F. Amp. Output	ECC83 (12AX7)*		V3	Output Rectifier	EL84 (6BQ5)*	
V2		EL84 (6BQ5)*		V4		EZ81 (6CA4)*	

* Alternate

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	CAP.	VOLT.	EICO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	
C1A	30	450	24011	AFH3-37	C0280	FP238	TVL-3781
C1B	20	450					
C1C	20	450					
C2	50	25	23007	SRE25V50	BRD50-25	TC29	TD-50-25 TE-1209

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		REPLACEMENT DATA				NOTES
	CAP.	VOLT.	EICO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	
C3	150	N750 10%		N750-DI 150	DTN-150	CCTN-151	10TCU-T15
C4	200	10%		DI-200	DD-201	CCD-201	10TS-T20
C5	200	10%		DI-200	DD-201	CCD-201	10TS-T20
C6	25000						
C7	25000						
C8	47	N750 10%		N750-DI 47	DTN-47	CCTN-470	5HK-S25
C9	.03	600V		P688N-03	DD-303	CUB6S3	10TCU-Q47

Eico Part Number

CONTROLS

ITEM No.	RATING		REPLACEMENT DATA				INSTALLATION NOTES
	RESIST. ANCE	WATTS	EICO PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	
R1A	500K	1/2	18050	AB-60	A47-500K-Z	B13-133	Level
R1B	500K	1/2		AK-1	FKS-1/4	SK-2	

RESISTORS

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

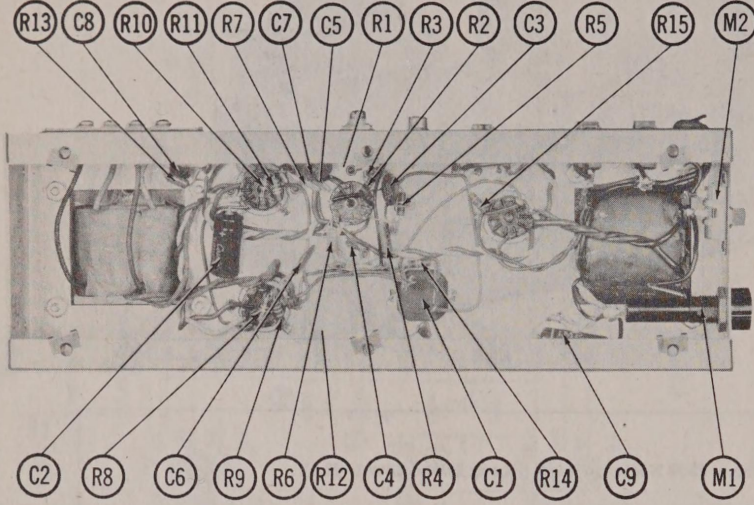
ITEM No.	RATING		REPLACEMENT DATA				REMARKS
	RESIST. ANCE	WATTS	EICO PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	
R2	10K						
R3	470K						
R4	18000 5%						
R5	10K						
R6	100K 5%						

TRANSFORMER (POWER)

ITEM No.	RATING		REPLACEMENT DATA				REMARKS
	PRI.	SEC.	EICO PART No.	Halldorson PART No.	Merit PART No.	Ram PART No.	
T1	117V @ .57A	600 VCT @ .072A	30019				

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
	PRI.	SEC.	EICO PART No.	Halldorson PART No.	Merit PART No.	Ram PART No.	
T2	70000 1601ap CT	32005 @ 80, 40					



FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			EICO PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
M1	3AG	2A 250V	91000	97800	312002 (3AG 2A 250V)	341001	AGC2	HKP CC

MISCELLANEOUS

ITEM No.	PART NAME	EICO PART No.	NOTES			
			FUSE	HOLDER	FUSE	HOLDER
M1	Switch	62004	91000	97800	341001	HKP CC
M2						

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid) Available in Ten Colors
 Power Cord Use BELDEN No. 8524 (Stranded) Available in Ten Colors
 1725-K (7 1/2 Ft. Length)