

RESISTANCE READINGS										
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6AN6	129 K	1meg	25K	FIL	FIL	1330K	11.5meg	1meg	780 Ω
V2	6X4	TP	FIL	150 Ω	120 Ω	140K	NC	FIL	6 Ω	
V3	6X4	TP	FIL	150 Ω	122 Ω	140K	TP	FIL	6 Ω	
↑ MEASURED FROM OUTPUT OF AM.										
NC = NO CONNECTION TP = TIE POINT										

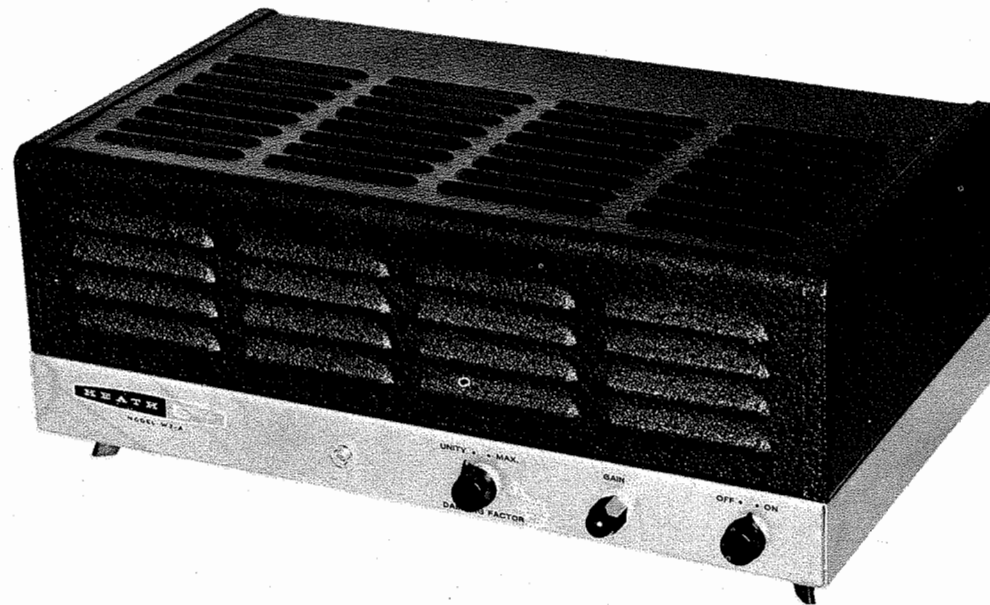
1. DC voltage measurements taken with vacuum tube voltmeter;
2. AC voltages measured with 1000 ohm per volt voltmeter.
3. Socket connections are shown as bottom views.
4. Measured values are from socket pin to common ground.
5. Line voltage maintained at 117 volts for voltage readings.
6. Nominal tolerance of component values makes possible a variation of $\pm 15\%$ in voltage and resistance readings.
7. All controls at minimum, proper output load connected.

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FOLDER 10
SET 546

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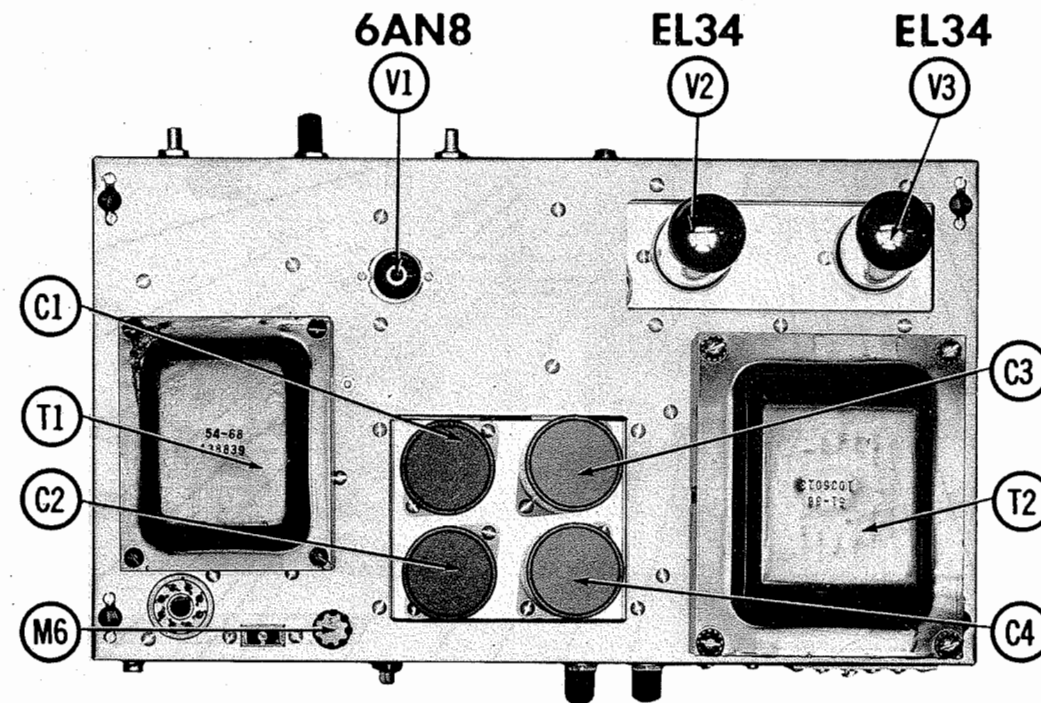
HEATH MODELS W-7A, W-W-7A



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TRADE NAME	Heath Models W-7A (Kit), W-W-7A (Wired)		
MANUFACTURER	Heath Co., A Subsidiary of Daystrom, Inc., Benton Harbor, Michigan		
TYPE SET	AC Operated 3 Tube Audio Amplifier		
POWER SUPPLY	110 - 120 Volts AC, 60 Cycles	RATING	90 Watts, 1 Amp. @ 117 Volts AC



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

The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KX680

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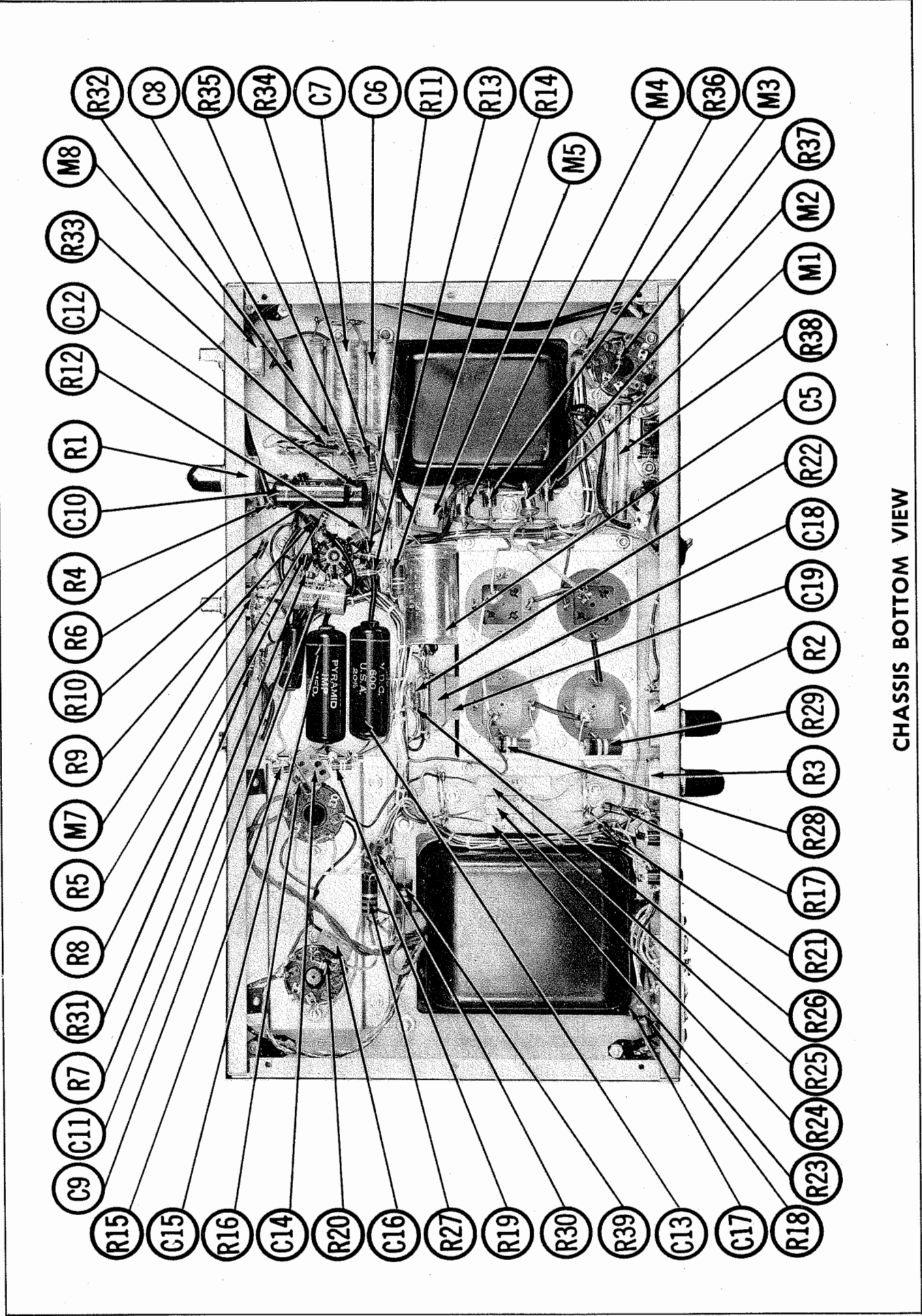
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SET 546

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CHASSIS BOTTOM VIEW

PARTS LIST AND DESCRIPTIONS

TUBES

GENERAL ELECTRIC		RAYTHEON		SYLVANIA	
ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	AF Amp. -Phase Inv.	6AN6	V3	Output	EL34/6CA7
V2	Output	EL34/6CA7			

ELECTROLYTIC CAPACITORS

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	CAP.	HEATH PART No.	CORNELL-DUBIER PART No.
C1	150 300	25-50	AFHSL-37-25
C2	150 300	25-50	XA0355
C3	200 300	25-51	AFHSL-37-30
C4	200 300	25-51	AFHSL-37-30
C5	20 450	25-33	PRSI735
C6	20 150	25-39	PRSI440
C7	100 50	25-28	PRSI360
C8	100 50	25-28	PRSI360
C9	25 25	25-44	PRSI260

FIXED CAPACITORS

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	CAP.	HEATH PART No.	CORNELL-DUBIER PART No.
C10	.1 400V	DF-104	CUBAP1
C11	.1 400V	DD-503	CUBAP1
C12	.1 400V	DF-104	CUBAP1
C13	.25 600V	DF-104	CUBAP1
C14	200 25	TCZ-200	22RST2
C15	.25 600V	TCZ-200	CUBAP25
C16	.25 600V	TCZ-200	CUBAP25
C17	.05	DD-503	22RST2
C18	.0013 5%	IRSD13	CM-19B-132J
C19	.0013 5%	IRSD13	CM-19B-132J

TRANSFORMERS

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	TRANSFORMER	HEATH PART No.	CORNELL-DUBIER PART No.
T1	Power Transformer	54-68	TC26
T2	Audio Transformer	51-36	TC26

RESISTORS

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	RESISTOR	HEATH PART No.	CORNELL-DUBIER PART No.
R1	15K 1W	470003	TC26
R2	470K	470003	TC26
R3	12K	470003	TC26
R4	12K	470003	TC26
R5	12K	470003	TC26
R6	12K	470003	TC26
R7	12K	470003	TC26
R8	12K	470003	TC26
R9	12K	470003	TC26
R10	12K	470003	TC26
R11	12K	470003	TC26
R12	12K	470003	TC26
R13	12K	470003	TC26
R14	12K	470003	TC26
R15	12K	470003	TC26
R16	12K	470003	TC26
R17	12K	470003	TC26
R18	12K	470003	TC26
R19	12K	470003	TC26
R20	12K	470003	TC26
R21	12K	470003	TC26
R22	12K	470003	TC26
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R24	12K	470003	TC26
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R26	12K	470003	TC26
R27	12K	470003	TC26
R28	12K	470003	TC26
R29	12K	470003	TC26
R30	12K	470003	TC26
R31	12K	470003	TC26
R32	12K	470003	TC26
R33	12K	470003	TC26
R34	12K	470003	TC26
R35	12K	470003	TC26
R36	12K	470003	TC26
R37	12K	470003	TC26
R38	12K	470003	TC26

POWER RECTIFIERS

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	RECTIFIER	HEATH PART No.	CORNELL-DUBIER PART No.
M1	5Y5	40H	SR500
M2	5Y5	40H	SR500
M3	5Y5	40H	SR500
M4	5Y5	40H	SR500
M5	5Y5	40H	SR500

FUSES

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	FUSE	HEATH PART No.	CORNELL-DUBIER PART No.
F1	2A	342001	MDL2
F2	2A	342001	MDL2

MISCELLANEOUS

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	MISC.	HEATH PART No.	CORNELL-DUBIER PART No.
M6	Switch	342001	MDL2
M7	Switch	342001	MDL2
M8	Switch	342001	MDL2

WIRING DATA

REPLACEMENT DATA		REPLACEMENT DATA	
ITEM No.	WIRE	HEATH PART No.	CORNELL-DUBIER PART No.
W1	100 2W	470003	TC26
W2	100 2W	470003	TC26
W3	100 2W	470003	TC26
W4	100 2W	470003	TC26
W5	100 2W	470003	TC26
W6	100 2W	470003	TC26
W7	100 2W	470003	TC26
W8	100 2W	470003	TC26
W9	100 2W	470003	TC26
W10	100 2W	470003	TC26
W11	100 2W	470003	TC26
W12	100 2W	470003	TC26
W13	100 2W	470003	TC26
W14	100 2W	470003	TC26
W15	100 2W	470003	TC26
W16	100 2W	470003	TC26
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W31	100 2W	470003	TC26
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W40	100 2W	470003	TC26
W41	100 2W	470003	TC26
W42	100 2W	470003	TC26
W43	100 2W	470003	TC26
W44	100 2W	470003	TC26
W45	100 2W	470003	TC26
W46	100 2W	470003	TC26
W47	100 2W	470003	TC26
W48	100 2W	470003	TC26
W49	100 2W	470003	TC26
W50	100 2W	470003	TC26

FOLDER 10

HEATH MODELS
W-7A, W-W-7A