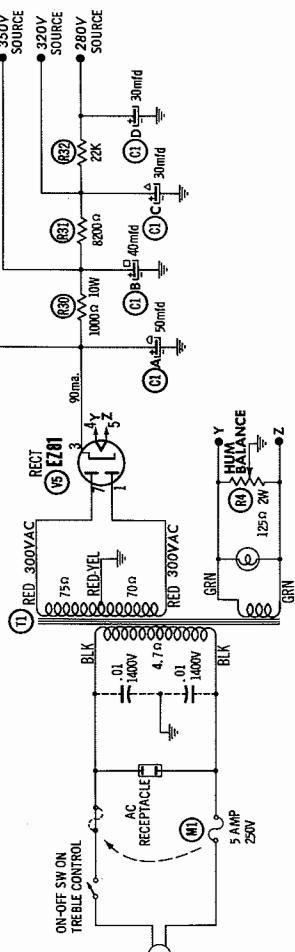


RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	ECC83	120K	4.7meg	0	20	20	150K	12meg	0	20
V2	ECC83	120K	150K	20	20	20	165K	12meg	5K	20
V3	EL84	470K	470K	130	20	20	NC	1.60	NC	1.000
V4	EL84	470K	470K	130	20	20	NC	1.10	NC	1.000
V5	EZ81	70	NC	1	20	20	NC	75	NC	NC

1. THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
2. MEASURED FROM PIN 3 OF V5.
3. NC NO CONNECTION

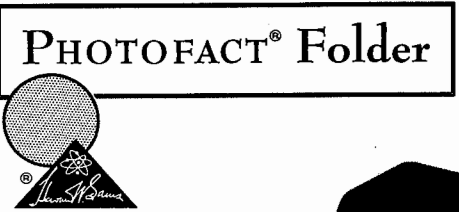


1. DC voltage measurements taken with vacuum tube voltmeter.
2. All voltages measured at 1000 ohms per volt.
3. Socket voltages are from pin 1 to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance of component values makes possible a variation of +15% in voltage and resistance readings.
6. All controls at minimum, proper output load connected.

A PHOTOFACT STANDARD NOTATION SCHEMATIC
Howard W. Sams & Co., Inc. 1960

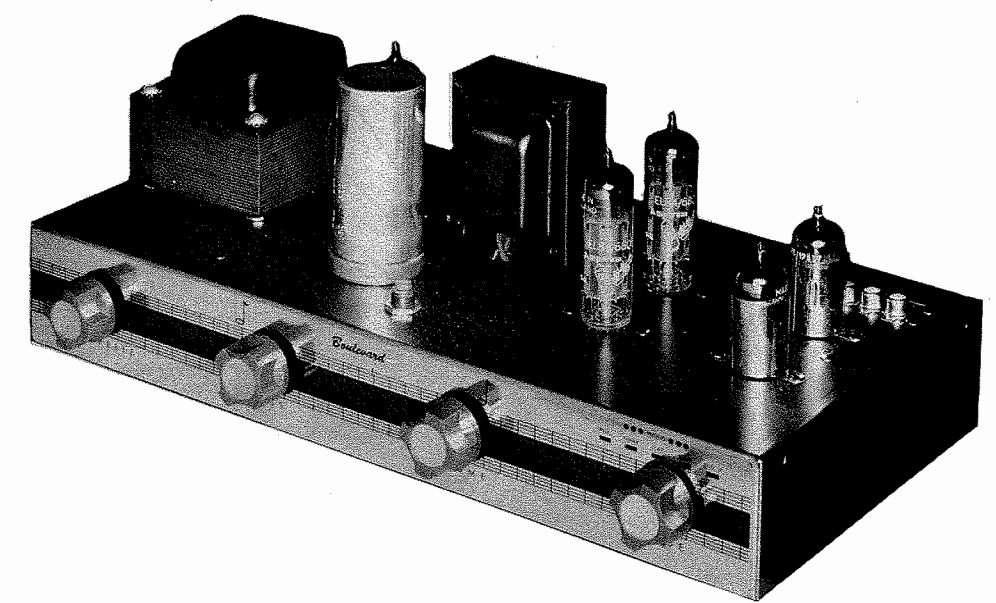
BOULEVARD
MODEL 5T17

FOLDER 7
SET 492

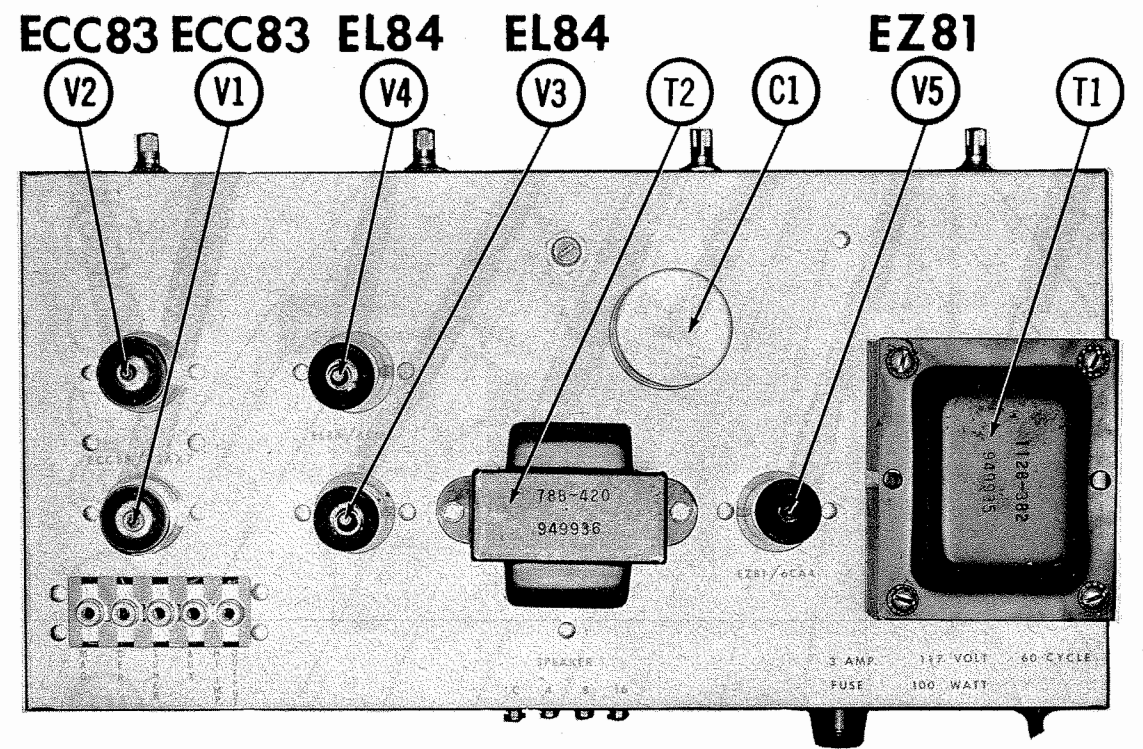


BOULEVARD
MODEL 5T17

BOULEVARD
MODEL 5T17



TRADE NAME	Boulevard Model 5T17		
MANUFACTURER	Boulevard Electronics, Inc., 1229 W. Washington Blvd., Chicago 7, Illinois		
TYPE SET	AC Operated 5 Tube Audio Amplifier		
POWER SUPPLY	100-130 Volts AC, 60 Cycles	RATING	69 Watts, .68 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 JX823

the particular type of replacement part listed. Reproduction or use, without express permission, of editorial or pictorial content, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein. © 1960 Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. Printed in U.S. of America

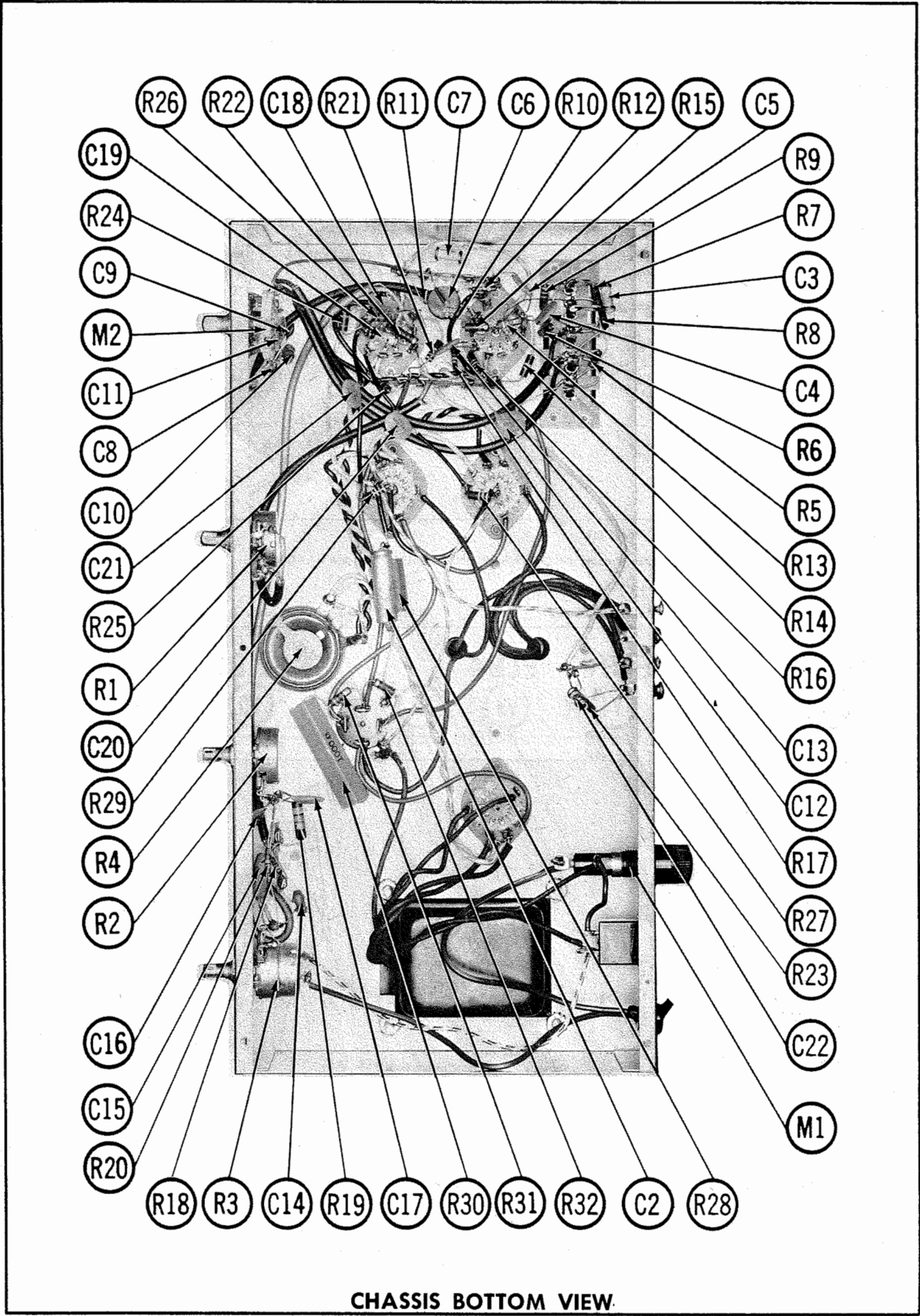
DATE 7-60

SET 492

FOLDER 7

BOULEVARD
MODEL 5T17

SET 492
FOLDER 7



PARTS LIST AND DESCRIPTIONS

TUBES				
ITEM No.	CBS	GENERAL ELECTRIC	RAYTHEON	SYLVANIA
ITEM No.	USE	TYPE	ITEM No.	USE
V1	Preampifier	ECC83/12AX7		
V2	AF Amp. - Phase Inv.	ECC83/12AX7		
V3	Output	EL84/6BQ8	V4	Output Rectifier
			V5	

RESISTORS

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

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R5	470K		R15	12meg	
R6	470K		R16	470K	
R7	2meg		R17	120K	
R8	1.2meg		R18	27K	1W
R9	47K		R19	27K	
R10	27K		R20	470K	
R11	120K		R21	2200Ω	
R12	120K		R22	100K	
R13	4.7meg		R23	12meg	
R14	220K		R24	12meg	

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R25	58K		R25	58K	
R26	58K		R26	58K	
R27	470K		R27	470K	
R28	1300 4W		R28	1300 4W	
R29	470K		R29	470K	
R30	1000Ω 10W		R30	1000Ω 10W	
R31	8200Ω		R31	8200Ω	
R32	22K		R32	22K	

ELECTROLYTIC CAPACITORS

REPLACEMENT DATA				
ITEM No.	BOULEVARD PART No.	AEROVOX PART No.	CORNEILL-DUBILIER PART No.	REMARKS
C1A		AF84-18-40	D0176	
B				
C				
D				
C2		PR81265	BBR50-25	TC29

TRANSFORMER (POWER)

RATING				
ITEM No.	BOULEVARD PART No.	Holderson PART No.	Meritt PART No.	Stancor PART No.
T1		112B-382	22R04 ①	P-3052 ①

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

FIXED CAPACITORS

REPLACEMENT DATA				
ITEM No.	BOULEVARD PART No.	AEROVOX PART No.	CORNEILL-DUBILIER PART No.	REMARKS
C3		BPD-01	DD-103	
C4		BPD-01	DD-103	
C5		BPD-01	DD-103	
C6		BPD-01	DD-103	
C7		BPD-01	DD-103	
C8		BPD-01	DD-103	
C9		BPD-01	DD-103	
C10		BPD-01	DD-103	
C11		BPD-01	DD-103	
C12		BPD-01	DD-103	
C13		BPD-01	DD-103	
C14		BPD-01	DD-103	
C15		BPD-01	DD-103	
C16		BPD-01	DD-103	
C17		BPD-01	DD-103	
C18		BPD-01	DD-103	
C19		BPD-01	DD-103	
C20		BPD-01	DD-103	
C21		BPD-01	DD-103	
C22		BPD-01	DD-103	

TRANSFORMER (AUDIO OUTPUT)

REPLACEMENT DATA				
ITEM No.	BOULEVARD PART No.	Holderson PART No.	Meritt PART No.	Stancor PART No.
T2		78B-420	22S66 ①	A-3830

FUSES

REPLACEMENT DATA				
ITEM No.	BOULEVARD PART No.	HOLDER FUSE	UTTELEUSE PART No.	BUSS PART No.
M1		3A 250V	310005	MT15

CONTROLS

REPLACEMENT DATA				
ITEM No.	BOULEVARD PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.
R1A		B-70	A47-1meg-Z	Q13-137
R1B		B-69	KSS-3	Q13-137
R1C		B-69	A47-1meg-S	Q13-137
R1D		B-69	KSS-3	Q13-137
R1E		B-69	A47-1meg-S	Q13-137
R1F		B-69	KSS-3	Q13-137
R1G		B-69	A47-1meg-S	Q13-137
R1H		B-69	KSS-3	Q13-137
R1I		B-69	A47-1meg-S	Q13-137
R1J		B-69	KSS-3	Q13-137
R1K		B-69	A47-1meg-S	Q13-137
R1L		B-69	KSS-3	Q13-137
R1M		B-69	A47-1meg-S	Q13-137
R1N		B-69	KSS-3	Q13-137
R1O		B-69	A47-1meg-S	Q13-137
R1P		B-69	KSS-3	Q13-137
R1Q		B-69	A47-1meg-S	Q13-137
R1R		B-69	KSS-3	Q13-137
R1S		B-69	A47-1meg-S	Q13-137
R1T		B-69	KSS-3	Q13-137
R1U		B-69	A47-1meg-S	Q13-137
R1V		B-69	KSS-3	Q13-137
R1W		B-69	A47-1meg-S	Q13-137
R1X		B-69	KSS-3	Q13-137
R1Y		B-69	A47-1meg-S	Q13-137
R1Z		B-69	KSS-3	Q13-137

MISCELLANEOUS

ITEM No.	PART NAME	BOULEVARD PART No.	NOTES
M2	Switch		Selector (Rotary Wafer Type)

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in Ten Colors (6 Ft. Length)
Power Cord	Use BELDEN No. 1725-K (1/2 Ft. Length)