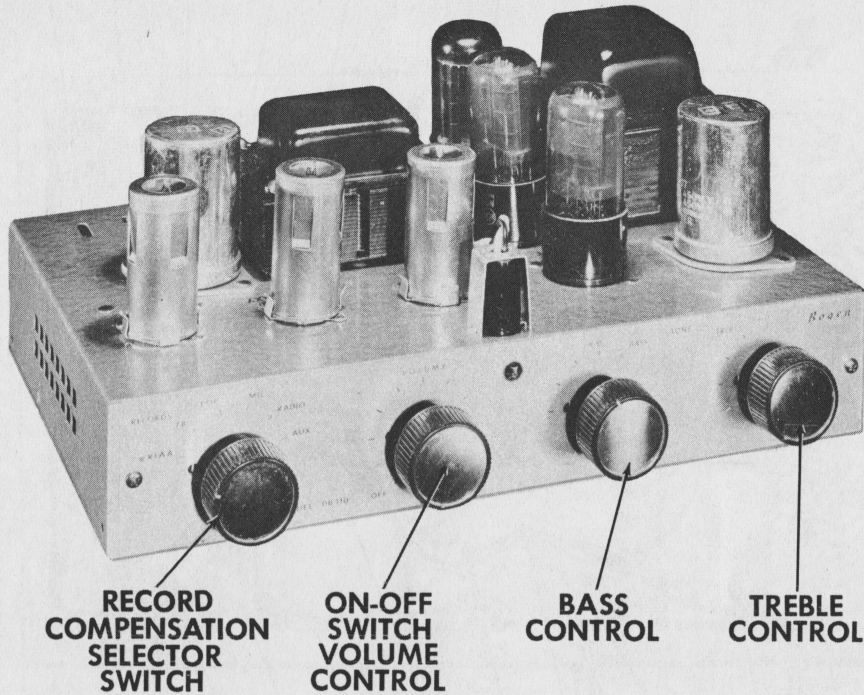


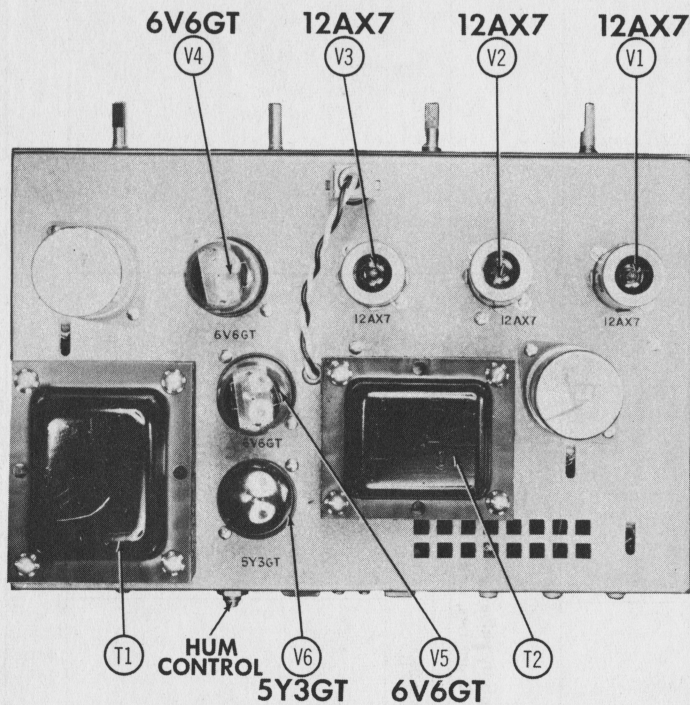


DAVID BOGEN  
MODELS DB110, G



DAVID BOGEN  
MODELS DB110, G

TRADE NAME	David Bogen Models DB110, DB110G
MANUFACTURER	David Bogen Co., Inc., 29 Ninth Ave., New York, 14, N. Y.
TYPE SET	AC Operated 5 Channel Audio Amplifier
TUBES (Six)	Types 12AX7 Preamp., 12AX7 AF Amp., 12AX7 AF Amp.-Phase Inv., (2) 6V6GT Output, 5Y3GT Rectifier
POWER SUPPLY	110-120 Volts AC-60 Cycles
	RATING .6 Amp. @ 117 Volts AC



HOWARD W. SAMS & CO., INC. • Indianapolis 5, Indiana

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# PARTS LIST AND DESCRIPTIONS

## TUBES (SYLVANIA, GENERAL ELECTRIC, WESTINGHOUSE)

DAVID BOGEN  
Model DB110

# CHASSIS—BOTTOM VIEW

ITEM No.	USE	REPLACEMENT DATA			NOTES
		David Bogen PART No.	STANDARD REPLACEMENT	RETMA BASE TYPE	
V1	Preamplifier	12AX7	12AX7	9A	
V2	AF Amplifier	12AX7	12AX7	9A	
V3	AF Amplifier-Phase Inverter	12AX7	12AX7	9A	
V4	Audio Output	6V6GT	6V6GT	7S	
V5	Audio Output	6V6GT	6V6GT	7S	
V6	Rectifier	5Y3GT	5Y3GT	5T	

## ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	CAP.	VOLT.	David Bogen PART No.	MALLORY PART No.	PYRAMID PART No.	SANGAMO PART No.	
C1A	▲10	450		FP396.2	TM-Q5-450	Q-030	
B	▲10	450					
C2A	■5	450		WP433.6	TM-Q5-450	Q-030	
B	▲5	450					
C	▲5	450					
D	5	450					
C3	50	50		TC39	TD-50-50	FM-0550	

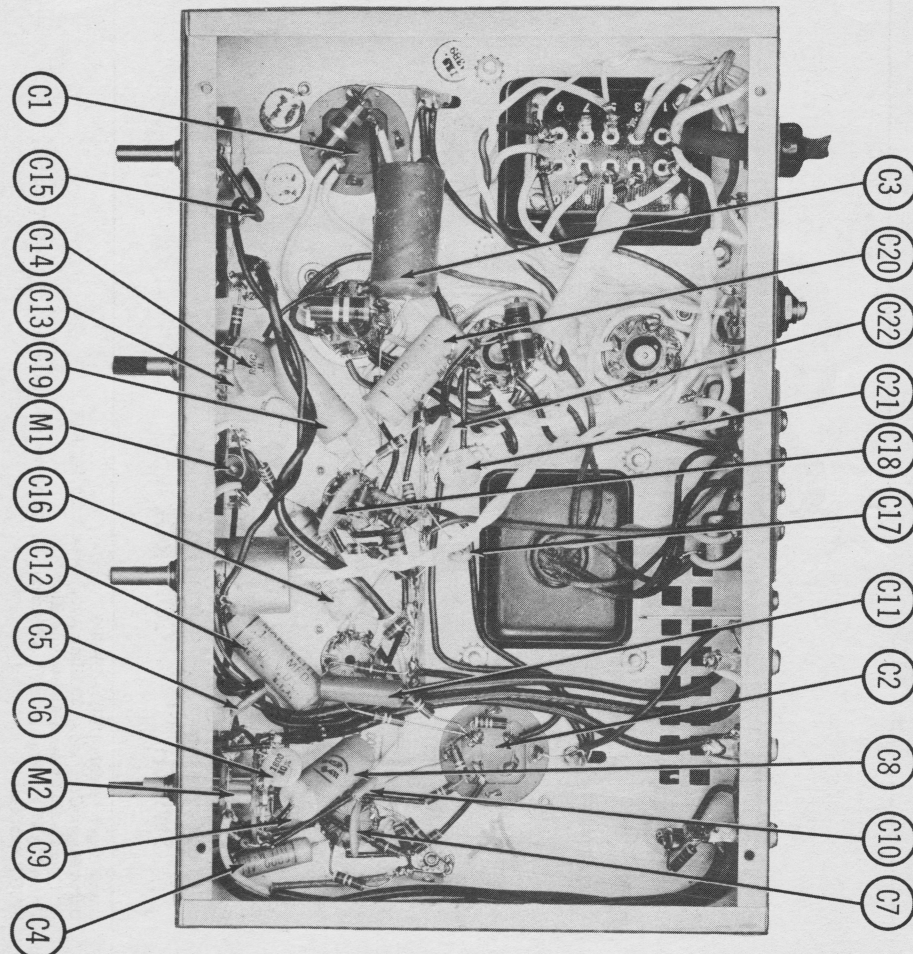
## FIXED CAPACITORS

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

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	CAP.	VOLT.	David Bogen PART No.	CENTRALAB PART No.	ERIE PART No.	MALLORY PART No.	
C4	.033	200		DF-303		PT4133	
C5	1000				811-102		
C6	1800						
C7	10000			DD-103	811-01	DC-511	
C8	.1	400		DF-104		PT401	
C9	.0068	400		D6-682	GP3-333-682		
C10	1000				811-102		
C11	.0068	400		D6-682	GP3-333-682		
C12	.1	400		DF-104		PT401	
C13	3300						
C14	3300						
C15	100			DD-101	801-101	ZT-531	
C16	.1	400		DF-104		PT401	
C17	270			DD-271	811-271		
C18	4700						
C19	.1	400		DF-104		PT401	
C20	.1	400		DF-104		PT401	
C21	1000				811-102		
C22	1000				811-102		

## CONTROLS

ITEM No.	RATING		REPLACEMENT DATA					INSTALLATION NOTES
	RESISTANCE	WATTS	David Bogen PART No.	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	MALLORY PART No.	
R1A	500KΩ	½	V323A	Q13-133	A47-500K-Z	B-60-S	U-48	Volume
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	Not Req.	Attach to R1A
C	Switch		Not Req.	76-1	SWE-12	Not Req.	US-26	Attach to R1A
R2A	1Meg	½	V315C	Q11-137	A47-1Meg-S	B-69	U-54	Bass
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	Not Req.	Attach to R2A
R3A	500KΩ	½	V316C	Q19-133X	A47F5-500K	BT-65	UT-431	Treble tapped @ 250KΩ
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	Not Req.	Attach to R3A
R4A	50Ω	½	V113	W-50	A43-50	VK-116	C50P	Hum Balance
B	Shaft		Not Req.	Not Req.	FKS-1/4	Not Req.	Not Req.	Attach to R4A





# PARTS LIST AND DESCRIPTIONS (Continued)

## RESISTORS

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
	OHMS	WATT	David Bogen PART No.	IRC PART No.			OHMS	WATT	David Bogen PART No.	IRC PART No.	
R6	100K $\Omega$			BTS-100K	R25	39K $\Omega$			BTS-39K		
R7	470K $\Omega$			BTS-470K	R26	3.3Meg			BTS-3.3Meg		
R8	68K $\Omega$			BTS-68K	R27	33K $\Omega$			BTS-33K		
R9	1500 $\Omega$			BTS-1500	R28	470K $\Omega$			BTS-470K		
R10	1Meg			BTS-1Meg	R29	2700 $\Omega$ 5%			BTS-2700 5%		
R11	100K $\Omega$			BTS-100K	R30	1Meg			BTS-1Meg		
R12	3300 $\Omega$			BTS-3300	R31	100K $\Omega$ 5%			BTS-100K 5%		
R13	47K $\Omega$			BTS-47K	R32	100K $\Omega$ 5%			BTS-100K 5%		
R14	47K $\Omega$			BTS-47K	R33	200K $\Omega$ 5%			BTS-200K 5%		
R15	100K $\Omega$			BTS-100K	R34	200K $\Omega$ 5%			BTS-200K 5%		
R16	100K $\Omega$			BTS-100K	R35	12K $\Omega$ 5%			BTS-12K 5%		
R17	1800 $\Omega$			BTS-1800	R36	300 $\Omega$			PW7-300		
R18	100K $\Omega$			BTS-100K	R37	100K $\Omega$	2		BTB-100K		
R19	2200 $\Omega$			BTS-2200	R38	100K $\Omega$	2		BTB-100K		
R20	68K $\Omega$			BTS-68K	R39	2.7 $\Omega$	1		BTA-2.7		
R21	470K $\Omega$			BTS-470K	R40	22K $\Omega$	1		BTS-22K		
R22	68K $\Omega$			BTS-68K	R41	5600 $\Omega$	2		BTB-5600		
R23	68K $\Omega$			BTS-68K							

Note 1. Not used in some versions.

## TRANSFORMER (POWER)

ITEM No.	RATING				REPLACEMENT DATA					
	PRI.	SEC. 1	SEC. 2	SEC. 3	David Bogen PART No.	Halldorsen PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.

① Tape 6.3V center tap.

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA						NOTES
	PRI.	SEC.	David Bogen PART No.	Halldorsen PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	

## MISCELLANEOUS

ITEM No.	PART NAME	David Bogen PART No.	NOTES
M1	Pilot Light		#47
M2	Switch		Selector & record compensation (rotary-wafer type)

# CHASSIS—BOTTOM VIEW

