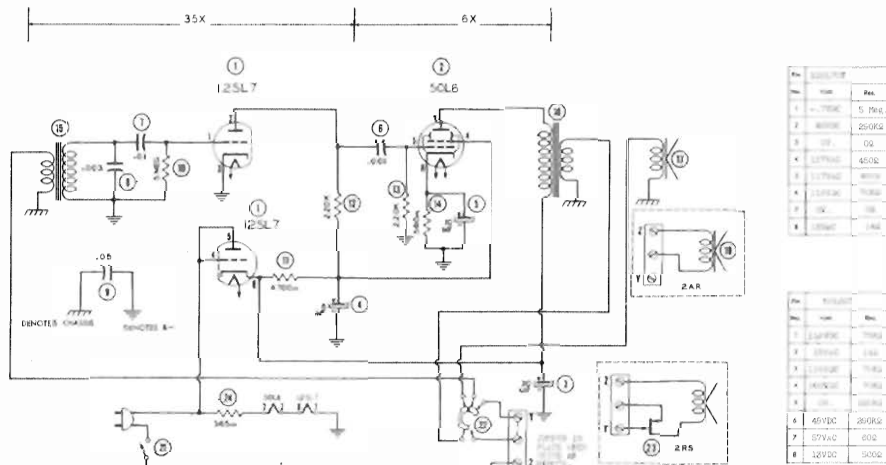


DAVID BOGEN MODEL 2RS

TRADE NAME David Bogen, Models 2AR, 2RS
MANUFACTURER David Bogen, Inc., 663 Broadway, New York, N.Y.
TYPE SET AC-DC Operated Inter-Communication System
TUBES (TWO) Types, 12SL7GT Audio Amp. & Rectifier, 50L6GT Power Output.
POWER SUPPLY 110-120 Volts AC-DC RATING .180 Amp. @ 117 Volts AC



THE COOPERATION OF THE MANUFACTURER OF THIS RECEIVER MAKES IT POSSIBLE TO BRING YOU THIS SERVICE
A PHOTOFACT STANDARD NOTATION SCHEMATIC
© Howard W. Sams & Co., Inc. 1947

RESISTANCE READINGS IN THE B+ CIRCUITS MAY VARY WIDELY
ACCORDING TO THE CONDITION OF THE FILTER CAPACITORS

4718-8

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of $\pm 15\%$ in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

HOWARD W. SAMs & CO., INC.

"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 the particular type of replacement part listed."
"Reproduction or use, without express permission, of editorial or pictorial con-

Indianapolis Indiana

tent, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein. Copyright 1947 by Howard W. Sams & Co., Inc., Indianapolis, Indiana, U. S. A. Copyright under International Copyright Union. All rights reserved under Inter-American Copyright Union (1910) by Howard W. Sams & Co., Inc." Printed in U. S. of America

PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		INSTALLATION NOTES
		DAVID BOGEN PART No.	STANDARD REPLACEMENT	
1	Audio Amp. & Rect.	12SL7GT	50L6GT	
2	Power Output	12SL7GT	50L6GT	

CAPACITORS

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

ITEM No.	RATING		REPLACEMENT DATA					IDENTIFICATION CODES AND INSTALLATION NOTES	
	CAP.	VOLT	DAVID BÖGEN PART No.	MALLORY PART No.	SOLAR PART No.	SPRAGUE PART No.	AEROVOX PART No.		CORNELL-DUBILIER PART No.
3	50	150		TC47	DY-40-150	EL-31	AF6D	UF1AJ24	Filter
4	8	150		TC42	M-8-150	UT-31	PRSA150-8	B8815	
5	10	25		TC22	M-10-25	74-10	PRSA25-10	B8102A	Cathode Bypass
6	.001	500		TP404	S-6-001	TC-21	694-001	DT6D1	Audio Coupling
7	.01	400		TP421	S-4-01	TC-11	484-01	DT4S1	
8	.003	500		TP403	S-6-003	TC-23	694-003	DT6D2	Transformer Shunt
9	.06	400		TP426	S-3-05	TC-15	494-05	DT4S5	Line Isolation

RESISTORS

ITEM No.	RATING	REPLACEMENT DATA		IDENTIFICATION CODES
		DAVID BOGEN PART No.	IRC PART No.	
10	5 Meg.		5TS-4.7 Meg.	Orn.-Blk.-Orn. AF Grid
11	4700Ω		5TS-4700	Pl.-Vi.-Red Filter
12	220KΩ		5TS-220K	Red-Red-Yl. AF Plate Load
13	220KΩ		5TS-220K	Red-Red-Yl. Output Grid
14	500Ω		5TS-550	Orn.-Blue-Br. Output Cathode

TRANSFORMER (INPUT)

ITEM No.	RATING	REPLACEMENT DATA		INSTALLATION NOTES
		DAVID BOGEN PART No.	STANCOR PART No.	
15	14000 5.4Ω PRI. SEC. 100000 .92 1500Ω	11108	T22548*	*Reverse Pri. & Sec. Windings

TRANSFORMER (OUTPUT)

ITEM No.	RATING	REPLACEMENT DATA		INSTALLATION NOTES
		DAVID B. PART No.	STANCOR PART No.	
16	14000 5.4Ω PRI. SEC. 90Ω .59	T252H	A-3940	†Drill one new mounting hole.

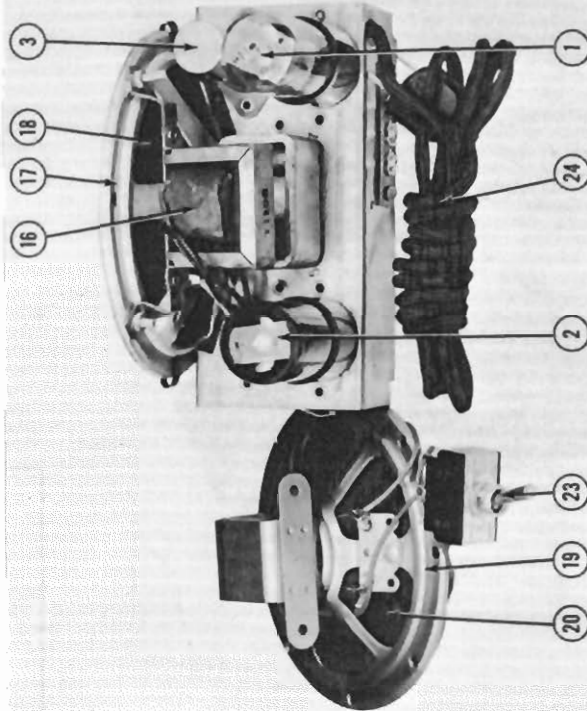
SPEAKER

ITEM No.	RATINGS	REPLACEMENT DATA		INSTALLATION NOTES
		DAVID BOGEN PART No.	JENSEN PART No.	
17	FIELD VC IMP 3-20		ST-105	
18	CONV DIA VC DIA 4-3/4" 1/2"		Mod. PS-X	
19	FIELD VC IMP 3-40		ST-105	
20	CONV DIA VC DIA 4-2/4" 1/2"		Mod. PS-X	

MISCELLANEOUS

ITEM No.	PART NAME	DAVID BOGEN PART No.	NOTES
21	Switch		Power On-Off
22	"		Talk-Listen
23	"		Remote
24	Line Cord		365Q

CHASSIS—TOP VIEW



CHASSIS—BOTTOM VIEW

