

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V1	6SN7GT	1.68K	1.43K	1Meg	1.68K	470K	1K	1K	.1K
V2	6SN7GT	390K	1.48K	390K	1.48K	560K	1K	1K	.1K
V3	5881	TP	.1K	1.9K	1.42K	100K	TP	.1K	350K
V4	5881	TP	.1K	1.9K	1.42K	100K	TP	.1K	350K
V5	5U4GA	NC	36K	45K	NC	42K	TP	36K	36K

† MEASURED FROM PIN 2 OF V5.
NC NO CONNECTION.
TP TIE POINT

1. DC voltage measurements taken with vacuum tube voltmeter; AC voltage measurements taken with 1000 ohms per volt.
2. Socket connections are from socket pins to common negative.
3. Measured values are from socket pins 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. All controls at minimum, proper output load connected.

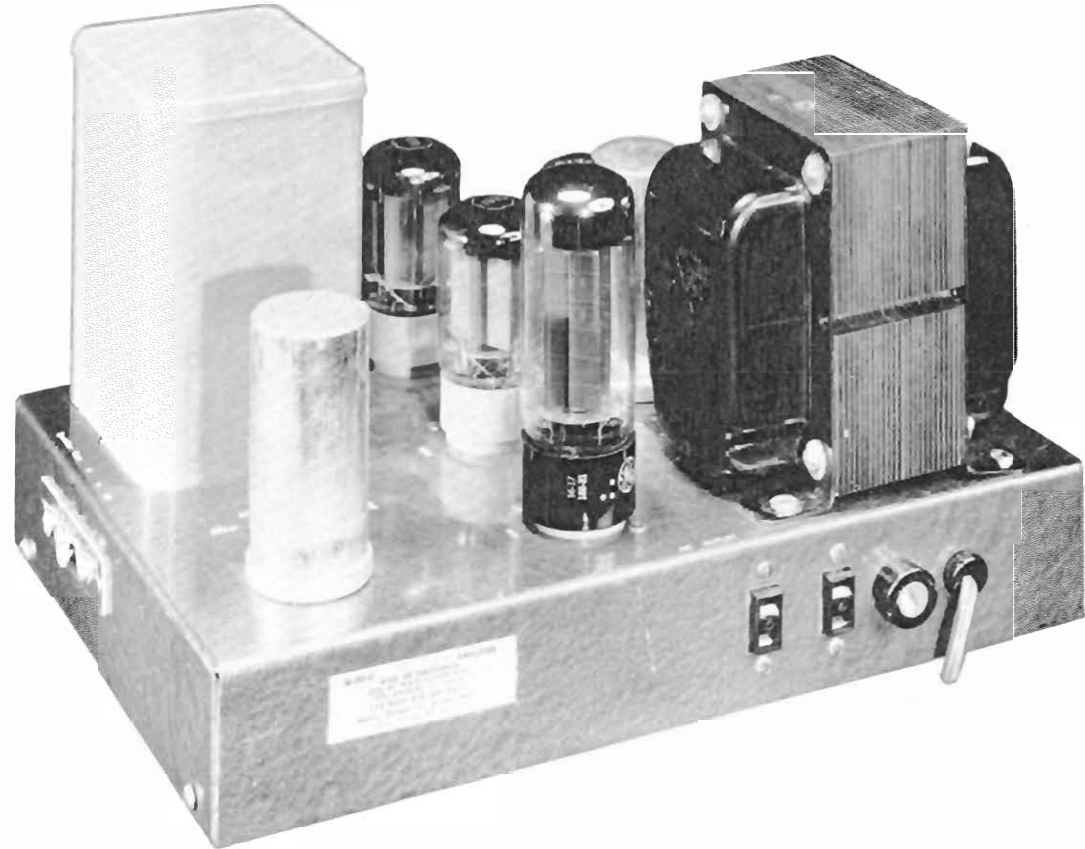
A PHOTOFACT STANDARD NOTATION SCHEMATIC
© Howard W. Sams & Co., Inc. 1957

PHOTOFACT* Folder



BIGG OF CALIF.
MODEL "George Gott" G 30 U

BIGG OF CALIF.
MODEL "George Gott" G 30 U



BIGG OF CALIF.
MODEL "George Gott" G 30 U

TRADE NAME	Bigg of Calif. Model "George Gott" G 30U	
MANUFACTURER	Bigg of Calif., 2506 W. Washington Blvd., Los Angeles 18, Calif.	
TYPE SET	AC Operated Amplifier	
TUBES (Five)	Types 6SN7GT AF Amp.-Phase Inv., 6SN7GT Driver, (2) 5881 Output, 5U4GA Rectifier	
POWER SUPPLY	116-120 Volts AC-60 Cycles	RATING 1.23 Amp. @ 117 Volts AC

HOWARD W. SAMs & CO., INC. • Indianapolis 5, 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 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. Copyright 1957 by Howard W. Sams & Co., Inc., Indianapolis 5, Indiana, U. S. of America. 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

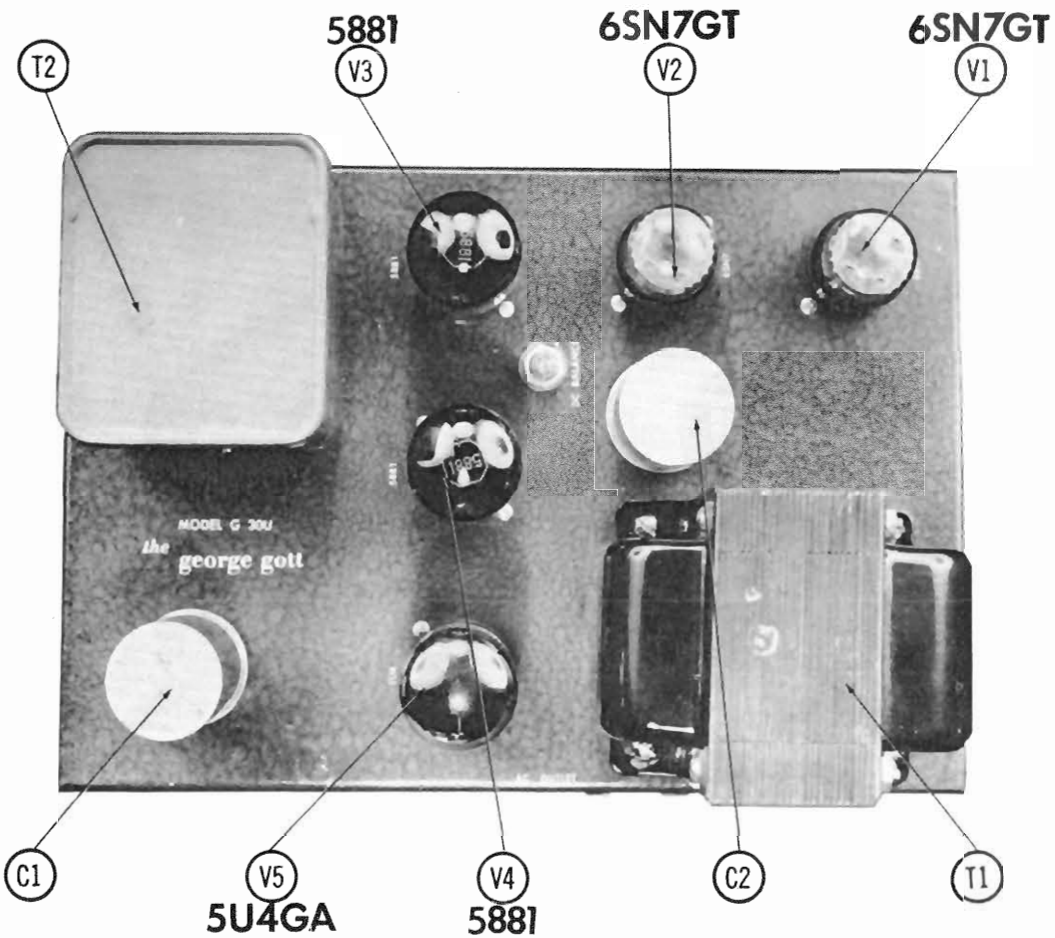
PARTS LIST AND DESCRIPTIONS
TUBES (GENERAL ELECTRIC, SYLVANIA)

BIGG OF CALIF.
MODEL "George Gott" G 30U

ITEM No.	USE	TYPE	NOTES
V1	AT App.-Phase Inv.	6SN7GT	
V2	Driver	6SN7GT	
V3	Output	5881	

ITEM No.	USE	TYPE	NOTES
V4	Output	5881	
V5	Rectifier	5U4GA	

CHASSIS—TOP VIEW



ELECTROLYTIC CAPACITORS

ITEM No.		REPLACEMENT DATA				SPRAGUE PART No.	
		CAP.	VOLT.	BIGG of Calif. PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLOXY PART No.
C1A	30	450				PP237	TMD-37
C1B	30	450				TC495	TD-150-150
C1C	125	100					
C2A	30	450				PP237	TMD-37
C2B	30	450				TC495	TD-150-150
C2C	125	100					

Note 1. C2C is not used.

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.		REPLACEMENT DATA				NOTES	
		RATING CAP. VOLT.	BIGG of Calif. PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLOXY PART No.	SPRAGUE PART No.
C3	1	400		P488N-1	DF-104	CUB4P1	PT401
C4	22	400		P488N-22		CUB4P22	PT4022
C5	22	400		P488N-22		CUB4P22	PT4022
C6	22	400		P488N-22		CUB4P22	PT4022
C7	22	400		P488N-22		CUB4P22	PT4022
C8	500			ST100	D6-101	TP34	UC-531

CONTROLS

ITEM No.		REPLACEMENT DATA				INSTALLATION NOTES	
		RATING RESIST. ANCE	WATTS	BIGG of Calif. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.
R1A	30000	2		VE123	A43-3000	WPS3000	R3000L
B	Shaft			Not Req.	FKS-1/2	Not Req.	Not Req.

PARTS LIST AND DESCRIPTIONS (Continued)
RESISTORS

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
			BIGG of Calif. PART No.	IRC PART No.			OHMS	WAT	BIGG of Calif. PART No.	IRC PART No.	
R2	LM96	1		BTA-1M96		R13	47K	2	47K	2	BTB-47K
R3	47K			BTA-47K		R14	47K	2	47K	2	BTB-47K
R4	4700			BTA-470		R15	18000		18000		BTA-1800
R5	47K			BTA-47K		R16	100K		100K		BTA-100K
R6	22K			BTA-22K		R17	100K		100K		BTA-100K
R7	22K			BTA-22K		R18	18000		18000		BTA-1800
R8	39K			BTA-39K		R19	39K		39K		BTA-39K
R9	39K			BTA-39K		R20	3500		3500		13/4A-350
R10	390K			BTA-390K		R21	10K		10K		BTA-10K
R11	390K			BTA-390K		R22	10K		10K		BTA-10K
R12	5600			BTA-560		R23	10000		10000		PW7-1000

TRANSFORMER (POWER)

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
			BIGG of Calif. PART No.	IRC PART No.			OHMS	WAT	BIGG of Calif. PART No.	IRC PART No.	
T1	117VAC	800VCT	57AC	53VCT		T1	117VAC	800VCT	57AC	53VCT	
	21.25A	0.142A	0.3A	0.25A							

① Drill new mounting holes.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
			BIGG of Calif. PART No.	IRC PART No.			OHMS	WAT	BIGG of Calif. PART No.	IRC PART No.	
T2	60000	160	TS4487	HA103		T2	60000	160	TS4487	HA103	
	tap										

FUSES

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
			BIGG of Calif. PART No.	IRC PART No.			OHMS	WAT	BIGG of Calif. PART No.	IRC PART No.	
M1	3AG	S/B				M1	3AG	S/B			

CHASSIS—BOTTOM VIEW

