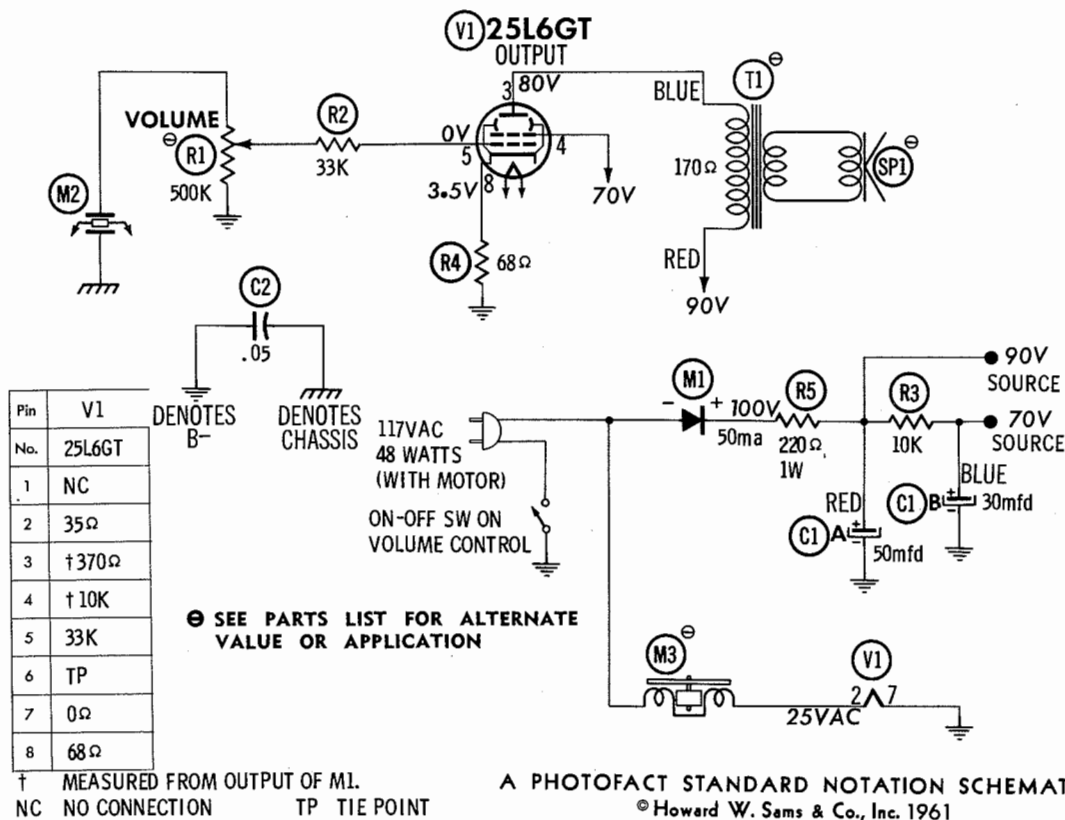


## PHOTOFACT® Folder

SYMPHONIC  
MODELS 1500, 1600SYMPHONIC  
MODELS 1500, 1600

MODEL 1600

TRADE NAME	Symphonic Models 1500, 1600
MANUFACTURER	Symphonic Radio & Electronics Corp., 235 Jersey Ave., New Brunswick, N. J.
TYPE SET	AC Operated One Tube Phono Amplifier With 3 Speed Manual Record Player
POWER SUPPLY	110 - 120 Volts AC, 60 Cycles
RATING	48 Watts, .73 Amp. @117 Volts (With Motor)



HOWARD W. SAMS &amp; 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 KR218

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. © 1961 Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. Printed in U.S. of America

SYMPHONIC  
MODELS 1500, 1600SET 521  
FOLDER 14

# PARTS LIST AND DESCRIPTIONS

## TUBES

• GENERAL ELECTRIC • RAYTHEON • SYLVANIA •			
ITEM No.	USE	TYPE	ITEM No.
V1	Output	25L6GT	

## ELECTROLYTIC CAPACITORS

REPLACEMENT DATA					
ITEM No.	RATING	Symphonic Part No.	Aerovox Part No.	Cornell-Dubilier Part No.	Notes
C1A	50	CE132	PR2200	BBRD315	TD497
B	150				TD497

## FIXED CAPACITORS

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

REPLACEMENT DATA					
ITEM No.	RATING	Remarks	Aerovox Part No.	Centralab Part No.	Notes
C2	.05 400V		P488N-05	DD-503	4DP-3-503

## CONTROLS

REPLACEMENT DATA					
ITEM No.	RATING	Symphonic Part No.	Centralab Part No.	Clarostat Part No.	Installation Notes
R1A	500K	VC-157	B-60-S	A47-500K-Z	Q13-133
B	10K		Not Req.	K58-3	Not Req.
C	Switch		Not Req.	SWE-12	US-26

Note 1. Model 1500 uses Part #VC-139 (Refer to RI for replacement data)

## RESISTORS

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

REPLACEMENT DATA					
ITEM No.	RATING	Symphonic Part No.	Workman Part No.	IRC Part No.	Remarks
R2	33K				
R3	10K				

## TRANSFORMER (AUDIO OUTPUT)

REPLACEMENT DATA					
ITEM No.	IMPEDANCE	Symphonic Part No.	Merit Part No.	Stencor Part No.	Notes
T1	1900Ω	TR-146	A-3025	A-3332	24553

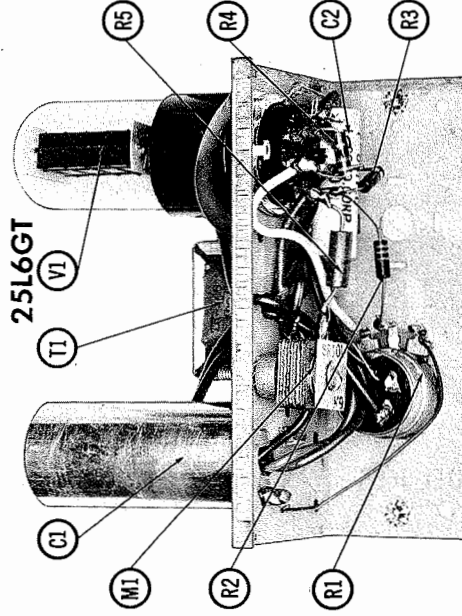
## SPEAKER

REPLACEMENT DATA					
ITEM No.	TYPE	Symphonic Part No.	Quama Part No.		Notes
SP1	4" PM	SP-402	4A0724		

## POWER RECTIFIERS

REPLACEMENT DATA					
ITEM No.	RATING	Symphonic Part No.	RCA Part No.	Sarkes Part No.	Notes
M1	.050A	SR101 *	IN1763 *	SR200 *	

# CHASSIS—BOTTOM VIEW



## PHONO CARTRIDGE & NEEDLES

\*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

REPLACEMENT DATA					
ITEM No.	Symphonic Part No.	Asiatic Part No.	Electro-Voice Part No.	Sonotone Part No.	Notes
M2	DC-500	SA-100 * (LP)	124-TS or KR-314-T	Model 1600.	
		SA-250 * (STD)	N8-3 *	Model 1500.	
		LT45LPL * (LP) & TO-45	420-TS-T or KR-314-T *	Model 1500.	

## MISCELLANEOUS

ITEM No.	Part Name	Symphonic Part No.	Notes
M3	Motor Motor Idler Wheel	MO103 (or) MO102	3 Speed (Brown Knob) 3 Speed (White Knob) WALSCO Part #4433

## CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	Part No.	Description
Knob Knob	KN143 KN144	Gray Mahogany

## WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in Ten Colors
Power Cord	8524 (Stranded) Available in Ten Colors
Low-Loss Shielded Lead (Interconnecting)	1765-B (6 Ft. Length) 1725-K (7 1/2 Ft. Length)
Photo Pick-up Arm Cable	Use BELDEN No. 8401 Use BELDEN No. 8430 (Two Conductor - Twisted)