

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C11	470		DI-470	DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C12	.02	400V	DBE6S20		DPMS4S2	4DP-2-203	PVC412	4PS-S20
C13	.02	400V	DBE6S20		DPMS4S2	4DP-2-203	PVC412	4PS-S20

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			Symphonic PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume	500K	VC-421-1 ④	F7-500K①, SSK104, BA006, CA005	A47-500K-S, KSS-3 or (NP-500K-S, UP-C-400)	QCB1②, B11-133, TM5 or (BU2, CF16, SS1, DC1)*	UA55L, SK1000 or (RU55L, SL41③, SK1000) or (U50)
R2	Tone	3meg	VC-420-1	F1-3meg①, SSK104, BA006, CA005	A47-3meg-S, KSS-3 or (NP-3meg-S, UP-C-400)	QCB1②, B11-140, TM5 or (BU2, CF21, SS1, DC1)*	UA36L, SK1000 or (RU36L, SL41③, SK1000) or (U59)

* "SNAPTROL"

① Use Jumper wires to connect terminals to "PC" board.

② Use QCB1 bushing instead of Tab Mount Plate in TM5 kit.

③ Alter bushing to meet requirement.

④ Part Number VC-422-1 (Volume/Switch) used in chassis A-724-1 and A-725-1, Models 1PN20, 1PN126 and 1PN128.

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	Symphonic PART No.			IRC PART No.	WORKMAN PART No.	PART No.
R17	390Ω 3W	PW5-400	5W-SQ-400	RW-10-13					

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
			Symphonic PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T1	200Ω	6-8Ω	TR-295-1 TR-292-1①					① May be used in some versions

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA			NOTES
		Symphonic PART No.	JENSEN PART No.	QUAM PART No.	
	3" X 5" PM	6-8Ω	SP-456 ①		① Used in Models 1PN126, 3PN324
	4" PM	6-8Ω	SP-453 ②		② Used in Models 1PN120
	4" PM	3-4Ω	SP-462 ③		③ Used in Models 1PN128

PHONO CARTRIDGE & NEEDLES

*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

ITEM No.	REPLACEMENT DATA								NOTES
	Symphonic PART No.		ASTATIC PART No.		ELECTRO-VOICE PART No.		SONOTONE PART No.		
	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	
M1	VACO TO-H45V①	N8-1 * (LP) N8-3 * (78)	146	N62*	148	2616*	15T-S		① Used in Model 3PN324
				N8-1s (LP) N8-3s (78)		3000 (LP) 3002 (78)			Needle Replacement for Original Cartridge.
	TO-H46V② H45V ③	N8-1 * (LP) N8-3 * (78) N8-1 * (LP) N8-3 * (78)							② Used in Models 1PN128, 1PN126 ③ Used in Model 1PN120

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
M2	Motor	TP6/2	Phono (Model 3PN324)
S1	Motor Switch	MO-134	Phono (Models 1PN120/126/128) On-Off (Part of Changer)

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	MODEL	PART No.	ITEM	MODEL	PART No.
Knob, Black	1PN120	KN-601-1	Knob, Volume	3PN324	KN-699-1
Knob, Black/White	1PN126	KN-699-1	Knob, Tone	3PN324	KN-699-2
Knob, Black W/White Inlay	1PN128	KN-698-1	Escutcheon Plate		NP-975-1

PHOTOFACT® Folder

with CIRCUITRACE

SYMPHONIC MODELS
1PN120, 1PN126, 1PN128, 3PN324



TRADE NAME: Symphonic Models 1PN120, 1PN126, 1PN128, 3PN324

SUPPLIER: For Current Address, See Annual Index

TYPE SET: 2 Transistor Amplifier W/4 Speed Automatic Record Changer or (Manual Player)

POWER SUPPLY: 110-120 Volts AC, 60 Cycles

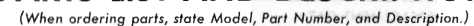
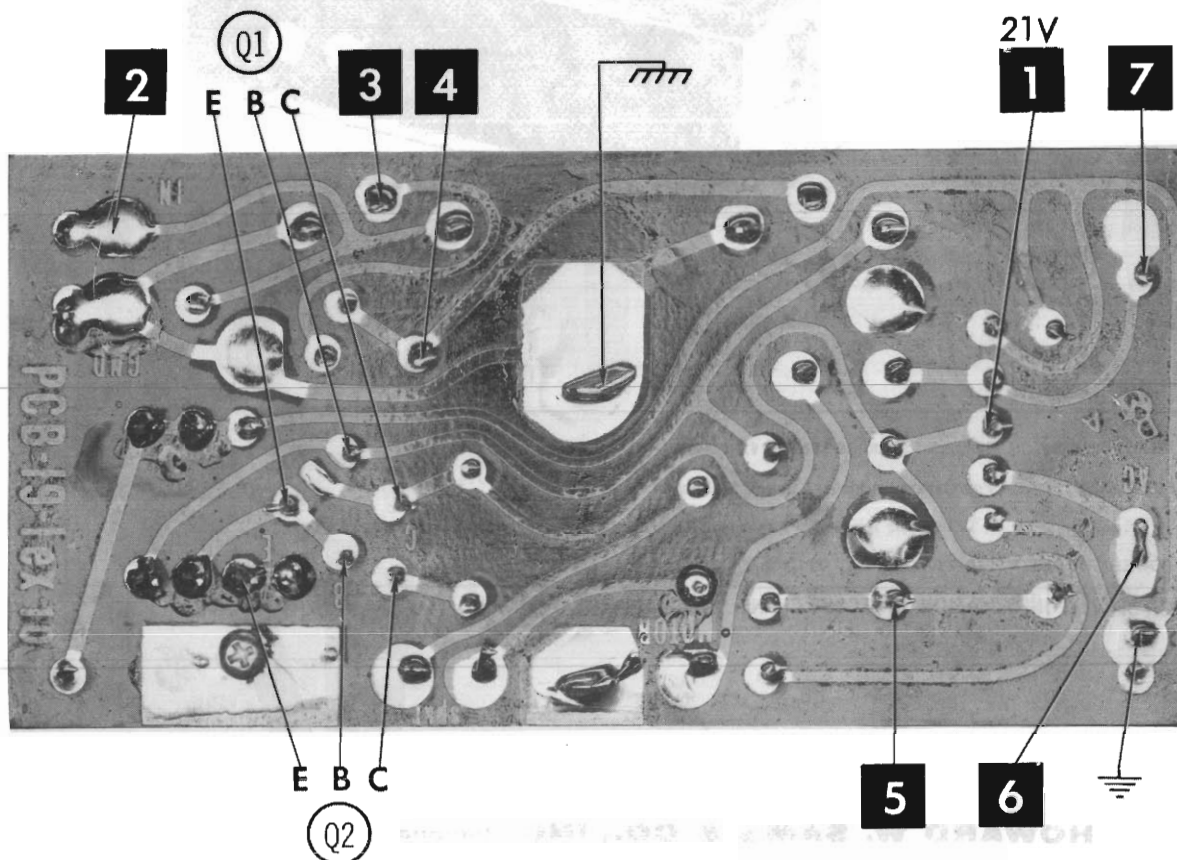
FOR SERVICE INFORMATION ON RECORD CHANGER - SEE SIMILAR CHANGER - PHOTOFACT SET 784, FOLDER 6

HOWARD W. SAMS & CO., INC., Indianapolis, Indiana 46206

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. SV446

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DATE 2 -68 SET 937 FOLDER 9



General-use Unshielded Hook-up Wire	Use Belden No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Power Cord	Use Belden No. 1706 (Plastic) or 1726 (Rubber) - 6 Ft. 1709 (Plastic) or 1729 (Rubber) - 9 Ft.
Power Cord (Interlock Type)	Use Belden No. 8874 (Rubber) or 8895 (Plastic)
Low-Loss Shielded Lead (Interconnecting)	Use Belden No. 8401 or 8421
Phono Pick-up Arm Cable	Use Belden No. 8430 (Two Conductor-Unshielded) 8429 (Two Conductor-Shielded) 8419 (Three Conductor-Shielded)

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA				Symphonic PART No.	NOTE
			DELCO PART No.	GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	RCA PART No.		
X1 X2		AF Amp Output		GE-10	TR-21	SK-3020 SK-3020	TX-107-3 TX-107-6	NPN

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS & DIODES		RECTIFIERS		
			GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	RCA PART No.	SARKES TARZIAN PART No.
X1	.150A	SR-124	GE-504A ①②	18DB2A ② or 8D4 ①②	FW50 ② or A50 ①②	SK-3016 ①② or SK-3017A ①②	S905 or S-5959 ②

ELECTROLYTIC CAPACITORS

SYMPHONIC MODELS
1PN120, 1PN126, 1PN128, 3PN324