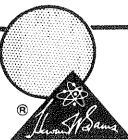


PHOTOFACT® Folder



TRADE NAME : Phonola Models 3001, 3003

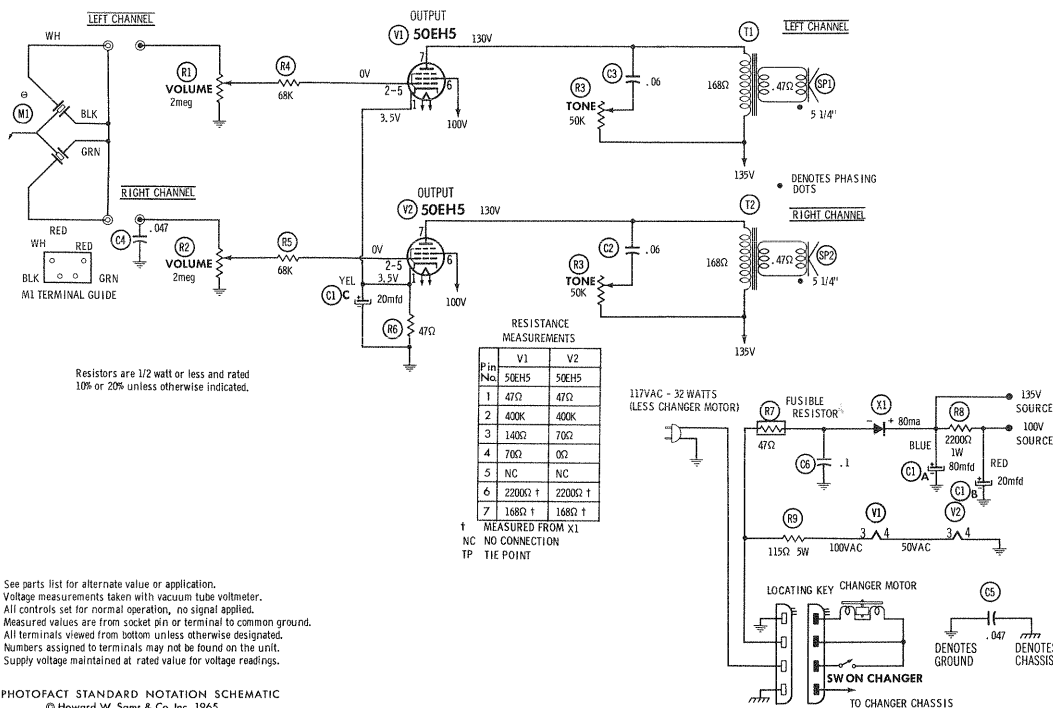
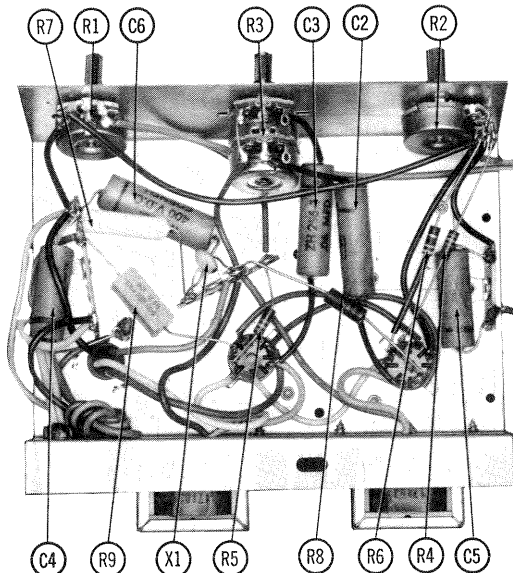
SUPPLIER : For Current Address, See Master Index.

TYPE SET : 2 Tube Stereo Phono Amplifier, 4 Speed Automatic Record Changer.

POWER SUPPLY : 110-120 Volts AC, 60 Cycles.

FOR SERVICE INFORMATION ON RECORD CHANGER PART #17173, 17152—SEE SIMILAR CHANGER—PHOTOFACT SET 748, FOLDER 11.

PHONOLA MODELS 3001, 3003



PHONOLA
MODELS 3001, 3003

SET 765 FOLDER 10

HOWARD W. SAMs & 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 the particular type of replacement part listed. **NS125**

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DATE 7 -65

SET 765 FOLDER 10



DESCRIPTION

PARTS LIST AND

TRANSFORMER (AUDIO OUTPUT)

◆ AMPEREX ◆		GENERAL ELECTRIC ◆		RCA ◆		PENNSYLVANIA ◆	
ITEM No.	USE	TYPE	ITEM No.	USE	TYPE		
V1	Audio Output	50EH5	V2	Audio Output	50EH5		

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS				DIODES
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RCA PART No.	SARKES TAZIAN PART No.	
X1	.08A	13782	GE-504 or 1N1695	1N540 or 1N2070	1N1763 or 1N2862	40H or F-4	GENERAL ELECTRIC PART No.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	PHONOVA PART No.	AEROVOX PART No.	CORNELL-ELECTRIC PART No.	GENERAL ELECTRIC PART No.	MALLOY PART No.	SPRAGUE PART No.
C1A	80	150	12145	PRS2220	EBRQ53215C	QT3-6	CVM3260	TVAS-3436,6*
B	20	150		PRS1330				
C	20	25						

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELWENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C2	.06	200V	P288N-06		P4M556	6DP-3-603	PVC616	6TM-S80
C3	.06	200V	P288N-06		P4M556	6DP-3-603	PVC616	6TM-S80
C4	.047	200V	P288N-047		P4M547	4DP-3-4-73	GEM2147	2TM-S47
C5	.047	200V	P288N-047		P4M547	4DP-3-4-73	GEM2147	2TM-S47
C6	.1	400V	P488N-1		P4M4P1	4DP-3-104	GEM401	4TM-P10

CONTROLS

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

ITEM No.	USE	RESIST-ANCE	PHONO-LA PART No.	CENTRAL-AB PART No.	CLAROS-TAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume, Left	2meg.	12400	F2-2meg, SSK014 or (B-76)	A47-2meg-Z KSS-3	Q13-139 or (BU1, CF27, SS1, DC1)*	UA26A, SK1000 or (RU26A, SL38, SK1000) or (U55)
R2	Volume, Right	2meg.	12400	F2-2meg, SSK014 or (B-76)	A47-2meg-Z KSS-3	Q13-139 or (BU1, CF27, SS1, DC1)*	UA26A, SK1000 or (RU26A, SL38, SK1000) or (U55)
R3A B	Tone, Left Tone, Right	50K 50K	13650	F2-50K, R2-50K, SSK014, CPL-2 or (B-32, BR-32)	B13-123, B13-123 SK1, QCM or (BU1, CF12, CR'4, SS1, SST7A, DC1)*	B13-123, B13-123 FB54A, RU54A, CS3500	

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	REMARKS			IRC PART No.	WORKMAN PART No.	REMARKS
R7	472 (Fusible)		F47	#14135	R9	1150 5W	PW5-120		#13762

Phonola Part Number.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		PHONOLA PART No.	QUAM PART No.	
SP1	5 1/4" PM	17184	52A1	① 2 used in Model 3001
SP2	5 1/4" PM	17184	52A1	
	5 1/4" PM	11792 ①	52A1	

PHONO CARTRIDGE & NEEDLES

*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

ITEM No.	REPLACEMENT DATA						
	PHONOLA		ASTATIC		ELECTRO-VOICE		SONOTONE PART NO.
	CARTRIDGE	NEEDLE*	CARTRIDGE	NEEDLE*	CARTRIDGE	CARTRIDGE	
M1	WC15650	WC12282* (78) WC15851* (LP)	70D N8-3S*	N8-7D* (78) N8-3S* (LP)	98D 3008* 3005D* (LP)	20T2LBS N20T7S* (78) N20T3S* (LP)	
				N8-7D (78) N8-3S (LP)		3008 (78) 3005D (LP)	Needle Replacement for Original Cartridge.
WC14266		WC12282* (78) WC14122* (LP)	70TS	N8-7* (78) N8-3* (LP)	98 3008* 3005 *		
				N8-7 (78) N8-3 (LP)		3008 (78) 3005 (LP)	Needle Replacement for Original Cartridge.

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	MODEL	PART No.
Case Assembly	3001	17493
Case Assembly	3003	17187-9A
Case Assembly	3001	16681-A
Handle, Carrying	3003	15432-9C
Handle, Door	3003	
Knob, Volume, Tone (3 Used)		

WIRING DATA

General-use Unshielded Hook-up Wire Use Belden No. 8530 (Solid) Available in 12 Colors

General-use consumer hook-up wire..... Use DENDEX NO. 8524 (Stranded) Available in 12 Colors

Power Cord Use BELDEN No. 1706 (Plastic) or 17126 (Rubber) - 6 Ft.

17109 (Plastic) or 17129 (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
 Photo Pick-up Arm Cable Use BELDEN No. 8430 (Two Conductor-Ins shielded)

8430 (Two Conductor-Unshielded)
8429 (Two Conductor-Shielded)