

1. DC voltage measurements taken with vacuum tube voltmeter;
2. AC voltages measured at 1000 ohms per volt.
3. Socket connections are shown as bottom Views.
4. Measured values are from socket pin to common negative.
5. Line voltage maintained at 117 volts for voltage readings.
6. Nominal tolerance of component values makes possible a variation of $\pm 15\%$ in voltage and resistance readings.
7. All controls at minimum, proper output load connected.

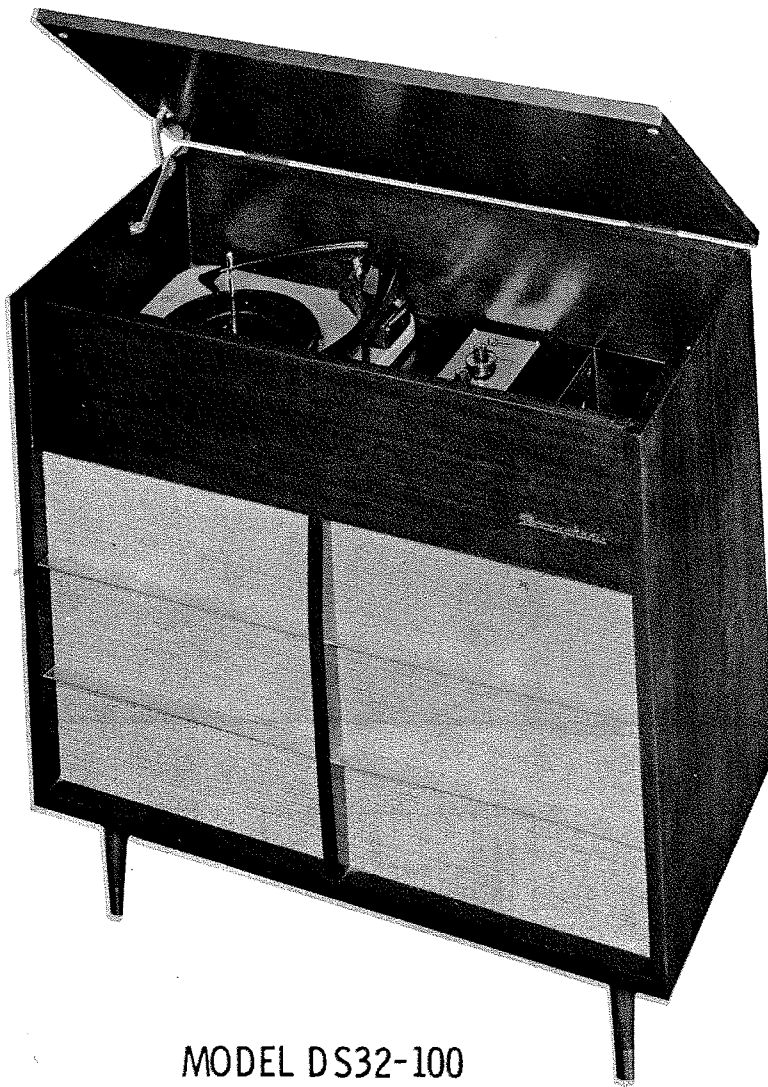
A PHOTOFACT STANDARD NOTATION SCHEMATIC
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**DYNAMIC MODELS DS32-100,
ST-100, SX-24 (Ch. 100)**



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 JT760

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MODEL DS32-100

TRADE NAME	Dynamic Models DS32-100, ST-100, SX-24 (Ch. 100)
MANUFACTURER	Dynamic Electronics - New York, Inc., 87-46 123rd Street, Richmond Hill 18, L. I., N. Y.
TYPE SET	AC Operated 3 Tube Stereo Amplifier With 4 Speed Automatic Record Changer
POWER SUPPLY	110-120 Volts AC, 60 Cycles RATING 30 Watts, .32 Amp @ 117 Volts AC (Less Motor)

FOR SERVICE INFORMATION ON RECORD CHANGER - SEE SIMILAR WEBCOR172- PHOTOFACT SET 447, FOLDER 13.

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

DATE 7-60

SET 492

FOLDER 11

**DYNAMIC MODELS DS32-100,
ST-100, SX-24 (ch. 100)**

SET 492 FOLDER 11

PARTS LIST AND DESCRIPTIONS
 TUBES

CHASSIS—TOP VIEW

♦ CBS ♦		GENERAL ELECTRIC		♦ RAYTHEON ♦		♦ SYLVANIA ♦	
ITEM No.	USE	TYPE		ITEM No.	USE	TYPE	
V1	Channel 1 AF Amp - Channel 2 AF Amp	12AX7		V2	Channel 1 Output	50C5	
				V3	Channel 2 Output	50C5	

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					NOTES	
	CAP.	VOLT.	DYNAMIC PART No.	AEROVOX PART No.	CORNELL-DUBIERRE PART No.	MALLORY PART No.	PYRAMID PART No.		SPRAGUE PART No.
C1A	40	150		PR4-800	BBRT94215	TCT3118	TDLD-11	TVA-3455	
B	80	150			BBRT20-150		TD-40-150		
C	40	150							
C2	100	25							
C3	4	25NP		SRE25V100	BBR100-25	TC2501	ML100-25	TE-121	TVAS-1302.5*
C4	4	25NP		NP-PRS7405	BBR8-150 †	TCN504		TVAS-1302.5*	

† Use 2 units. Connect negative terminals together.
 Connect positive terminals into circuit the same as the original non-polarized unit.
 * Not normally in distributor's stock. Available thru distributor on order to manufacturer.

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.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBIERRE PART No.	ELMCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C5	.1		P488N-1	DF-104	CUB4P1	4DP-3-104	GEM-401	4TM-P1
C6	2000		BPD-002	DD-202	BYA10D2	CCD-202	GP220	5HK-D20
C7	.05		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-35
C8	.05		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-35
C9	5000		BPD-005	DD-502	BYA10D5	CCD-502	GP250	5HK-D5
C10	56					*		10TCP-Q66
C11	2000		BPD-002	DD-202	BYA10D2	CCD-202	GP220	5HK-D20
C12	.05		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-35
C13	.05		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-35
C14	5000		BPD-005	DD-502	BYA10D5	CCD-502	GP250	5HK-D5
C15	56					*		10TCP-Q66
C16	.05		P488N-05	DD-503	CUB4S5	4DP-3-503	GEM-415	4TM-35

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

CONTROLS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			INSTALLATION NOTES
			DYNAMIC PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	
R1A	2meg		CM23377			Volume, Channel 2
B	2meg					Volume, Channel 1
C	50K					
R2A	50K		CM23378	B-31	AD47-50K-S	Treble, Channel 2
B	50K			SR-31	Not Req.	Treble, Channel 1
C	50K			Not Req.		
R3A	500K		CM23379	B-59	AD47-500K-S	Bass, Channel 2
B	500K			SR-59	Not Req.	Bass, Channel 1
C	500K			Not Req.		

RESISTORS

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

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R4	3300Ω		R9	3300Ω	
R5	220K		R10	220K	
R6	22K		R11	22K	
R7	470K		R12	470K	
R8	100Ω		R13	3300Ω	

PARTS LIST AND DESCRIPTIONS (Continued)
 TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA				NOTES
		DYNAMIC PART No.	Holderson PART No.	Meritt PART No.	Stancor PART No.	
T1	5300Ω	3-4Ω	OT-135			
	SEC. 1					
	SEC. 2					
	SEC. 3					
T2	5300Ω	3-4Ω	OT-135			
	SEC. 1					
	SEC. 2					
	SEC. 3					

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		DYNAMIC PART No.	QUAM PART No.	
SP1	8"			
SP2	3 1/2"			
SP3	3 1/2"			
SP4	3 1/2"			
SP5	3 1/2"			
SP6	3 1/2"			

RECTIFIERS

ITEM No.	RATING	REPLACEMENT DATA				NOTES
		DYNAMIC PART No.	INTERNATIONAL PART No.	ITT PART No.	SARKES TAZJIAN PART No.	
M1	.080A		† T100	† 1235AH	† 100A	* Selenium * Silicon

PHONO CARTRIDGE

ITEM No.	DYNAMIC PART No.	REPLACEMENT DATA		SONOTONE PART No.
		ASTATIC CARTRIDGE	ELECTRO-VOICE CARTRIDGE	
M2		13T	13	10T2-S

PHONO NEEDLE

(FOR REPLACEMENT IN ORIGINAL EQUIPMENT CARTRIDGE)

ITEM No.	DYNAMIC PART No.	REPLACEMENT DATA		REMARKS
		CLEVITE WALCO PART No.	JENSEN PART No.	
M3		* W-2048D † or * W-204DD-1 †	* A-44X † or * A-44XSD † or * A-44XDD †	† Diamond * Includes Cartridge

MISCELLANEOUS

ITEM No.	PART NAME	DYNAMIC PART No.	NOTES
M4	Switch		
M5	Selector Switch (DPDT, Slide Type)		

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in Ten Colors
Power Cord	6524 (Stranded) Available in Ten Colors
Low-Loss Shielded Lead (Interconnecting)	Use BELDEN No. 1169-B (6 Ft. Length)
Phono Pick-up Arm Cable	Use BELDEN No. 8401 123-K (1 1/2 Ft. Length)
	Use BELDEN No. 8430 (Two Conductor - Twisted)

CHASSIS—BOTTOM VIEW

