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PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA, GENERAL ELECTRIC, WESTINGHOUSE)

SONORA
MODEL 314

ITEM No.	USE	REPLACEMENT DATA		RETMA BASE TYPE	NOTES
		SONORA PART No.	STANDARD REPLACEMENT		
V1	Oscillator	6C4	6C4	6BG	
V2	Mixer	12AU6	12AU6	7BK	
V3	IF Amplifier	12BA6	12BA6	7BK	
V4	Det. AVC AF Amp.	12AV6	12AV6	7BT	
V5	Audio Output	50C5	50C5	7CV	
V6	Rectifier	35W4	35W4	5BQ	radiomuseum.org

CAPACITORS

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

ITEM No.	RATING		REPLACEMENT DATA						NOTES	
	CAP.	VOLT	SONORA PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL DUBILIER PART No.	ERIE PART No.	MALLORY PART No.		SPRAGUE PART No.
C1A	40	150	N-5051	PRSI50/40-40		BBRD4415		TCD48	TVA-2445	Blue Red
C2	.05	200	N-1345	P288-05	DF-503	PJ285		PT415	2TM-S5	
C3	.05	200	N-1345	P288-05	DF-503	PJ285		PT415	2TM-S5	
C4	.01	400	N-1344	P488-01	D6-103	CUB4S1	GP2-333-103	PT41L	4TM-S1	
C5	.05	200	N-1345	P288-05	DF-503	PJ285		PT415	2TM-S5	
C6	100		N-6015	SI100	D6-101	TP34	GPIK-101	UC-531	5GA-T1	
C7	.005	600	N-4894	P688-005	D6-502	CUB6D5	801-005	PT825	6TM-D5	
C8	250		N-6488	SI250	D6-251	TP40	GP2K-251	UC-5325	5GA-T25	
C9	.01	400	N-1344	P488-01	D6-103	CUB4S1	GP2-333-103	PT41L	4TM-S1	
C10	.02	400	N-1376	P488-02		CUB4S2		PT412	4TM-S2	
C11	.05	400	N-1346	489ZX-05	DF-503	PJ4S5		PT415	4TM-S5	
C12	.08	200	N-8092							

◆ Models 477 and 478 use an audio couplate in place of C12, C13, R8 and R9 (Sonora part #N-3215.)

CONTROLS

ITEM No.	RATING		REPLACEMENT DATA radiomuseum.org				INSTALLATION NOTES	
	RESISTANCE	WATTS	SONORA PART No.	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.		MALLORY PART No.
RIA	500KΩ	1/2	N-7984	Q13-133	A47-500K-Z	BSK-60-S	U-48	Volume 50KΩ stop-Note
B	Shaft		Not Req.	Not Req.	KSS-3	Not Req.	Not Req.	Attach to R1A
C	Switch		Not Req.	76-1	SWE-12	Not Req.	US-26	Attach to R1A

Note: Connect a 50KΩ resistor in series with the right hand terminal of the control and the lead connecting to the original control.

RESISTORS

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
	OHMS	WATT	SONORA PART No.	IRC PART No.			OHMS	WATT	SONORA PART No.	IRC PART No.	
R2	3.3Meg		N-4062	BTS-3.3Meg		R8	220KΩ		N-4026	BTS-220K	
R3	47KΩ		N-4063	BTS-47K		R9	470KΩ		N-4027	BTS-470K	
R4	68Ω		N-6485	BTS-68		R10	180Ω		N-4067	BTS-180	
R5	47KΩ		N-4063	BTS-47K		R11	1000Ω		N-3341	BTS-1000	
R6	1 Meg		N-1262	BTS-1 Meg		R12	22Ω				Note
R7	6.8Meg		N-4028	BTS-6.8Meg							

Note: Not used in all models.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES	
	PRI.	SEC.	SONORA PART No.	Stancor PART No.	Merit PART No.	Triad PART No.	Haldorson PART No.		Thordarson PART No.
T1	2.3KΩ	3.4Ω	N-8001 ①	A-3336	A-3031		Z1102	TS-24850	① Trans. has 5Ω tap on primary.

CHASSIS—TOP VIEW

