



Voltages to Chassis with 20,000 Ohms per Volt, Meter

Tube	Use	E_p	E_{B1}	F_b	E_{B2}	E_B
5Y3	Rectifier	300V AC	.....	+315	300V AC	.....
6V6	Output	+305	+310	+18.5	.....	+310
12AX7	Phase Inverter	+135	.....	+1.25	+135	+275
5879	Channel 2	+88	+50	+1.53	.....	+262
5879	Channel 1	+75	+31	+1.2	.....	+262
6SQ7	Tremolo	+97*	.....	+1.2	.....	+275

*Tremolo "Off" and Depth Control at "Min."

PARTS LIST

R1,3,8,34,35	220 K	1 Watt	10%	R39	7.5 K	1 Watt	5%
R3,4,10,11,32	470 K	1 Watt	20%	R41	200 ohm	7 Watts	10%
R5	10 meg.	1/2 Watt	20%	R38,40	470 K	1 Watt	5%
R6	1.5 K	1 Watt	10%	C1,4,16,21	20 mfd.	25 WV	
R7,16,27,28,29,30	1 meg.	1 Watt	10%	C2,8,9,10	.05 mfd.	600 V	
R9,31,36	1 meg.	Volume Control		C3,6	.01 mfd.	600 V	
R13	3.3 meg.	1 Watt	20%	C5	.25 mfd.	200 V	
R14	2.2 K	1 Watt	5%	C7,24	10 mfd.	450 V	
R15	150 K	1/2 Watt	5%	C11,12,13,14,15,17	.005 mfd.	600 V	
R17,28	510 K	1 Watt	5%	C18,20	.02 mfd.	600 V	
R18,42	10 K	1 Watt	20%	C19	.001 mfd.	600 V	
R19,20	510 K	1 Watt	10%	C22	10 mfd.	450 V	
R21	100 K	1 Watt	10%	C23	20 mfd.	450 V	
R22,24	500 K	Volume Control		T1	Output Trans.	(GA-40-02)	
R25	*47 K	1 Watt		T2	Power Trans.	(GA-10-P)	
R27	240 K	1 Watt	5%	S	Toggle Switch	SPST	
R35	1 K	1 Watt	20%	F	Fuse	3 Amp. (3 AG)	
R37	1 meg.	Volume Control		PL	Type 47		

*This Value Picked at Factory