

CHART OF TUBE SETTINGS FOR 51X

Tube Type	Select. A	Select. B	Fil. Volts	Potent. L	Potent. R	Mut. Cond.	Notations
2A4G	10	2	---	50	---	---	Press OZ4 Button
2Z4	4	8	---	---	---	---	Check for Shorts
2Z4	2	8	---	60	---	---	Press OZ4 Button
2Z4	10	2	---	60	---	---	No. 1 Plate
2Z4	10	2	---	60	---	---	Press OZ4 Button
1A4	2	5	2	27	24	750	No. 2 Plate.
1A5G	8	5	1.5	32	35	800	
1A6	1	5	2	0	29	500	Amp. Section
1A6	9	7	2	60	29	150	Osc. Sec. OK over 120
1A7G	7	7	1.5	32	20	800	Pent. Section
1A7G	12	7	1.5	60	38	300	Osc. Sec. OK over 240
1B4	2	5	2	18	29	640	
1B5	7	8	2	60	23	475	Amp. Sec. OK over 380
1B5	10	8	2	0	---	---	Press Diode But.
1B5	12	3	2	0	---	---	No. 1 Diode
1B5	12	3	2	0	---	---	Press Diode But.
1C5G	8	5	1.5	55	36	1550	No. 2 Diode
1C6	1	5	2	20	24	650	Amp. Section
1C6	9	7	2	60	41	300	Osc. Sec. OK over 240
1C7G	2	5	2	20	24	650	Amp. Section
1C7G	12	7	2	60	41	300	Osc. Sec. OK over 240
1D5G	2	5	2	27	24	750	
1D7G	2	5	2	0	29	500	Amp. Section
1D7G	12	7	2	60	35	200	Osc. Sec. OK over 160
1E5G	2	5	2	18	29	640	
1E7G	8	8	2	45	17	1150	No. 1 Plate
1E7G	11	6	2	45	17	1150	No. 2 Plate
1F4	1	5	2	51	19	1400	
1F5G	8	5	2	51	19	1400	
1F6	1	7	2	20	21	650	Amp. Section
1F6	11	1	2	0	---	---	Press Diode But.
1F6	5	5	2	0	---	---	OK over 500
1F6	5	5	2	0	---	---	Press Diode But.
1F6	5	5	2	0	---	---	Press Diode But.
1F7G	1	5	2	20	21	650	OK over 500
1F7G	4	5	2	0	---	---	Pentode Section
1F7G	7	1	2	0	---	---	Press Diode Button,
1F7G	7	1	2	0	---	---	No. 1 Diode
1F7G	7	1	2	0	---	---	Press Diode Button,
1F7G	7	1	2	0	---	---	No. 2 Diode
1G4G	7	5	1.5	33	40	825	
1G5G	8	5	2	54	30	1500	
1H4G	7	5	2	36	33	900	
1H5G	8	5	1.5	60	13	275	OK over 220
1H5G	8	1	1.5	0	---	---	Press Diode Button
1H6G	7	8	2	60	23	475	Amp. Section
1H6G	10	8	2	0	---	---	Press Diode Button,
1H6G	11	3	2	0	---	---	No. 1 Diode
1H6G	11	3	2	0	---	---	Press Diode Button,
1H6G	11	3	2	0	---	---	No. 2 Diode
1J5G	8	5	2	37	37	950	
1J6G	8	8	2	42	12	1000	No. 1 Plate
1J6G	11	6	2	42	12	1000	No. 2 Plate
1N5G	8	5	1.5	28	9	750	
2A3	2	10	2.5	67	55	3000	
2A3H	2	10	2.5	67	55	3000	
2A4G	7	5	2.5	76	82	---	Press Rect. But. Turn
2A4G	7	5	2.5	76	82	---	"R" pot. toward
2A4G	7	5	2.5	76	82	---	zero. Tube strikes at
2A4G	7	5	2.5	76	82	---	about 60.
2A5	8	5	2.5	60	24	2000	
2A6	7	6	2.5	28	9	750	Amp. Section
2A6	10	6	2.5	0	---	---	Press Diode Button,
2A6	10	6	2.5	0	---	---	No. 1 Diode
2A6	10	3	2.5	0	---	---	Press Diode Button,
2A6	10	3	2.5	0	---	---	No. 2 Diode
2A7	7	6	2.5	41	18	1000	Amp. Section
2A7	10	6	2.5	60	25	400	Osc. Sec. OK over 320
2B6	3	2	2.5	15	30	600	Input Section
2B6	7	6	2.5	64	12	2500	Output Sec. Short on 3
2B7	7	6	2.5	41	25	1000	Pentode Section
2B7	10	6	2.5	0	---	---	Press Diode Button,
2B7	10	6	2.5	0	---	---	No. 1 Diode
2B7	10	3	2.5	0	---	---	Press Diode Button,
2B7	10	3	2.5	0	---	---	No. 2 Diode
2w3	4	11	2.5	33	---	---	Press Rectifier Button
2Z2	2	7	2.5	35	---	---	Press Rectifier Button
4A6G	2	9	3	41	0	1000	No. 1 Plate
4A6G	12	5	3	41	13	1000	No. 2 Plate
5T4	4	11	5	40	---	---	Press Rectifier Button
5T4	5	11	5	40	---	---	Press Rectifier Button
5U4G	4	11	5	40	---	---	Press Rectifier Button
5U4G	5	11	5	40	---	---	Press Rectifier Button,
5U4G	5	11	5	40	---	---	No. 1 Plate
5V4G	4	11	5	40	---	---	Press Rectifier Button,
5V4G	4	11	5	40	---	---	No. 1 Plate
5V4G	5	11	5	40	---	---	Press Rectifier Button,
5V4G	5	11	5	40	---	---	No. 2 Plate
5W4	4	11	5	33	---	---	Press Rectifier Button,
5W4	4	11	5	33	---	---	No. 1 Plate
5W4	5	11	5	33	---	---	Press Rectifier Button
5X4G	7	9	5	40	---	---	Press Rectifier Button,
5X4G	7	9	5	40	---	---	No. 1 Plate
5X4G	12	4	5	40	---	---	Press Rectifier Button,
5X4G	12	4	5	40	---	---	No. 2 Plate
5Y3	4	11	5	40	---	---	Press Rectifier Button,
5Y3	5	11	5	40	---	---	No. 1 Plate
5Y3	5	11	5	40	---	---	Press Rectifier Button,
5Y3	5	11	5	40	---	---	No. 2 Plate
5Y4G	7	9	5	35	---	---	Press Rectifier Button,
5Y4G	7	9	5	35	---	---	No. 1 Plate
5Y4G	12	4	5	35	---	---	Press Rectifier Button,
5Y4G	12	4	5	35	---	---	No. 2 Plate
5Z3	2	7	5	40	---	---	Press Rectifier Button,
5Z3	3	7	5	40	---	---	No. 1 Plate
5Z3	3	7	5	40	---	---	Press Rectifier Button,
5Z3	3	7	5	40	---	---	No. 2 Plate
5Z4	4	11	5	40	---	---	Press Rectifier Button,
5Z4	4	11	5	40	---	---	No. 1 Plate
5Z4	5	11	5	40	---	---	Press Rectifier Button
5Z4	5	11	5	40	---	---	No. 2 Plate
6A3	2	10	6.3	67	55	3000	
6A4	1	5	6.3	60	23	2000	
6A5G	7	5	6.3	67	55	3000	
6A6	1	5	6.3	53	10	1500	No. 1 Plate
6A6	12	5	6.3	53	10	1500	No. 2 Plate
6A7	7	6	6.3	41	18	1000	Pent. Section
6A7	10	6	6.3	60	25	400	Osc. Sec. OK over 320
6A8	7	7	6.3	41	18	1000	Pent. Section
6A8	12	7	6.3	60	30	300	Osc. Sec. OK over 240
6AB6G	8	5	6.3	53	0	1450	
6AC5G	8	5	6.3	40	0	1000	
6AC6G	8	5	6.3	63	0	2400	
6AE5G	7	5	6.3	47	56	1200	
6AE6G	7	5	6.3	34	0	850	No. 1 Plate
6AE6G	10	5	6.3	28	0	750	No. 2 Plate
6BA6G	7	5	6.3	67	55	3000	
6BA6G	7	5	6.3	67	55	3000	
6B5	8	5	6.3	52	0	1500	

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6B6	7	5	6.3	28	9	750	Amp. Section
6B6	10	5	6.3	0	---	---	Press Diode Button,
6B6	10	5	6.3	0	---	---	No. 1 Diode
6B6	10	2	6.3	0	---	---	Press Diode Button,
6B6	10	2	6.3	0	---	---	No. 2 Diode
6B7	7	6	6.3	41	25	1000	Pent. Section
6B7	10	6	6.3	0	---	---	Press Diode Button,
6B7	10	6	6.3	0	---	---	No. 1 Diode
6B7	10	3	6.3	0	---	---	Press Diode Button,
6B7	10	3	6.3	0	---	---	No. 2 Diode
6B8	7	5	6.3	42	25	1000	Pent. Section
6B8	10	5	6.3	0	---	---	Press Diode Button,
6B8	10	5	6.3	0	---	---	No. 1 Diode
6B8	10	2	6.3	0	---	---	Press Diode Button,
6B8	10	2	6.3	0	---	---	No. 2 Diode
6C5	7	5	6.3	60	17	2000	
6C6	1	7	6.3	49	17	1225	
6C7	7	6	6.3	49	24	1250	Amp. Section
6C7	10	6	6.3	0	---	---	Press Diode Button,
6C7	10	6	6.3	0	---	---	No. 1 Diode
6C7	10	3	6.3	0	---	---	Press Diode Button,
6C7	10	3	6.3	0	---	---	No. 2 Diode
6C8G	8	7	6.3	42	14	1000	No. 1 Plate
6C8G	11	7	6.3	42	14	1000	No. 2 Plate
6D5	7	5	6.3	60	47	2000	
6D6	1	7	6.3	56	17	1600	
6D7	7	6	6.3	48	20	1225	
6D8G	7	7	6.3	41	22	1000	Pentode Section
6D8G	12	7	6.3	60	20	300	Osc. Sec. OK over 240
6E6	1	5	6.3	52	23	1400	No. 1 Plate
6E6	12	5	6.3	52	23	1400	No. 2 Plate
6E7	7	6	6.3	55	20	1500	
6F5	10	5	6.3	43	10	1000	
6F6	8	5	6.3	60	24	2000	
6F7	7	6	6.3	45	23	1100	Pent. Section
6F7	10	6	6.3	60	23	450	Tri. Sec. OK over 360
6F8G	8	7	6.3	60	13	2000	No. 1 Plate
6F8G	11	7	6.3	60	13	2000	No. 2 Plate
6G6G	8	5	6.3	60	19	2100	
6H6	7	2	6.3	50	---	---	Press Diode Button,
6H6	7	2	6.3	50	---	---	No. 1 Diode
6H6	7	2	6.3	50	---	---	Press Diode Button,
6H6	7	2	6.3	50	---	---	No. 2 Diode
6J5G	7	5	6.3	60	24	2000	
6J7	1	9	6.3	48	18	1225	
6J8G	8	5	6.3	41	15	1000	Heptode Section
6J8G	11	5	6.3	0	25	500	Triode Section
6K5G	7	5	6.3	40	17	1000	
6K6G	8	5	6.3	55	28	1600	
6K7	8	5	6.3	54	20	1450	
6K8	8	5	6.3	41	9	1000	Hexode Section
6K8	11	5	6.3	63	9	2400	Triode Section
6L5G	7	5	6.3	56	22	1500	
6L6	8	5	6.3	73	19	5000	Left at 71
6L7	1	9	6.3	20	19	650	Cap Grid
6L7	8	5	6.3	20	22	650	Pin Grid
6N6MG	8	5	6.3	52	0	1500	
6N7	2	9	6.3	53	10	1500	No. 1 Plate
6N7	12	5	6.3	53	10	1500	No. 2 Plate
6P5G	7	5	6.3	53	24	1450	
6P7	3	12	6.3	45	23	1100	Pent. Section
6P7	6	12	6.3	60	23	450	Tri. Sec. OK over 360
6Q6G	7	5	6.3	40	14	1000	Amp. Section
6Q6G	7	2	6.3	0	---	---	Press Diode Button
6Q7	7	5	6.3	33	14	800	Amp. Section
6Q7	10	5	6.3	0	---	---	Press Diode Button,
6Q7	10	5	6.3	0	---	---	No. 1 Diode
6Q7	1						

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