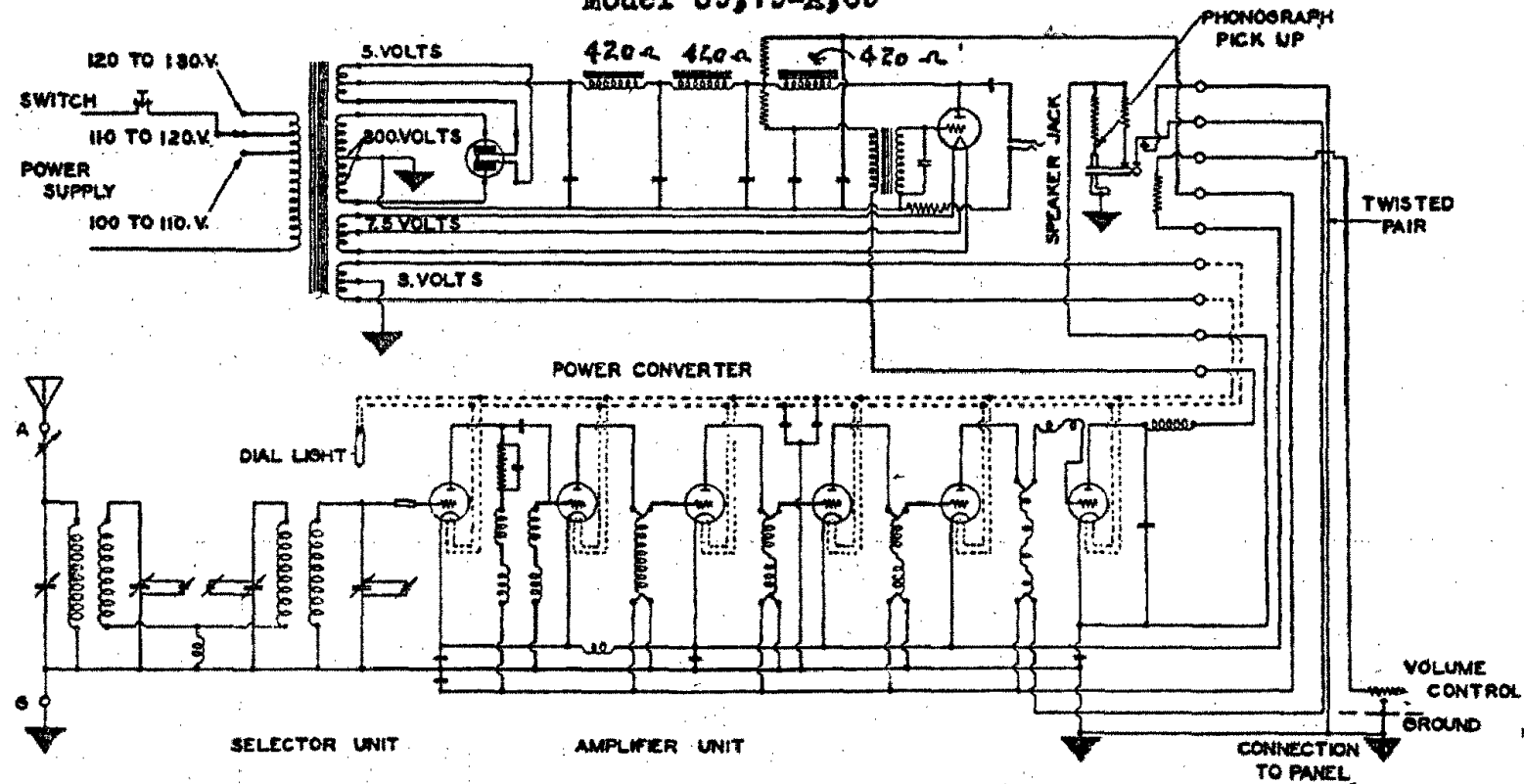


# SPARKS WITHINGTON CO.

MODEL 69,79-A,89  
MODEL 89-A

Model 69,79-A,89



SPARTON—Model 79-A-89 - 69  
Line Voltage 120—Volume Control Full

SPARTON—Model 89-A  
Line Voltage 120—Volume Control Full

TUBE NO. IN ORDER	TYPE OF TUBE	POSITION OF TUBE (1ST, 2ND, ETC.)	READINGS, PLUS IN SOCKET OF SET									
			TUBE OUT		TUBE IN TESTER							
			A VOLTS	B VOLTS	A VOLTS	B VOLTS	C VOLTS (CONTROL GRID)	CATHODE-HEATER (VOLTS)	NORMAL PLATE (M.A.)	PLATE (M.A. @ TEST)	PLATE (M.A. @ TEST)	SCREEN GRID (VOLTS)
1	C-484	1st RF	3.2	159	3	128	9	7.6	10.6	3.6		
2	C-484	2nd RF	3.2	160	3	158	9	7.6	13.5	5.3		
3	C-484	3rd RF	3.2	158	3	158	9	5.6	10.8	5.3		
4	C-484	4th RF	3.2	160	3	158	9	7.6	14.4	6.5		
5	C-484	5th RF	3.2	160	3	158	9	7.4	15.2	5.8		
6	C-484	Det.	3.2	245	3	280	10	1.7	6.1	4.3		
7	585	P. Aud.	7.6	310	7.4	320	38	85	89	4		
8	280	Rect.	5.5	-	5.1	-	-	29	-	-		

TUBE NO. IN ORDER	TYPE OF TUBE	POSITION OF TUBE (1ST, 2ND, ETC.)	READINGS, PLUS IN SOCKET OF SET									
			TUBE OUT		TUBE IN TESTER							
			A VOLTS	B VOLTS	A VOLTS	B VOLTS	C VOLTS (CONTROL GRID)	CATHODE-HEATER (VOLTS)	NORMAL PLATE (M.A.)	PLATE (M.A. @ TEST)	PLATE (M.A. @ TEST)	SCREEN GRID (VOLTS)
1	C-484	1st RF	3.1	145	3	120	9	6.7	10.7	4		
2	C-484	2nd RF	3.1	145	3	140	9	7.5	12.5	5		
3	C-484	3rd RF	3.1	145	3	138	9	8	13.5	5.3		
4	C-484	4th RF	3.1	145	3	138	9	6.5	12.2	5.7		
5	C-484	5th RF	3.1	145	3	138	9	7.6	13	5.4		
6	C-484	Det.	3.1	260	3	240	25	1.5	7.2	5.7		
7	585	Audio	7.7	355	7.4	390	62	82	87	5		
8	281	Rect.	7.7	-	7.4	-	-	58	-	-		
9	281	Rect.	7.7	-	7.4	-	-	58	-	-		

