

	switch pos 1 10 ohm	switch pos 2 22 ohm	switch pos 3 47 ohm	switch pos 4 100 ohm	switch pos 5 249 ohm	switch pos 6 475 ohm	switch pos 7 825 ohm	switch pos 8 1K ohm	
Cartridge Loading Ohm's 5.40	ON	ON	ON	ON	ON	ON	ON	ON	Cartridge Loading Ohm's 5.40
5.43	ON	ON	ON	ON	ON	ON	ON	OFF	5.43
5.44	ON	ON	ON	ON	ON	ON	OFF	ON	5.44
5.47	ON	ON	ON	ON	ON	OFF	ON	ON	5.47
5.47	ON	ON	ON	ON	ON	ON	OFF	OFF	5.47
5.50	ON	ON	ON	ON	ON	OFF	ON	OFF	5.50
5.50	ON	ON	ON	ON	ON	OFF	OFF	ON	5.50
5.52	ON	ON	ON	ON	OFF	ON	ON	ON	5.52
5.53	ON	ON	ON	ON	ON	OFF	OFF	OFF	5.53
5.55	ON	ON	ON	ON	OFF	ON	ON	OFF	5.55
5.56	ON	ON	ON	ON	OFF	ON	OFF	ON	5.56
5.59	ON	ON	ON	ON	OFF	OFF	ON	ON	5.59
5.59	ON	ON	ON	ON	OFF	ON	OFF	OFF	5.59
5.62	ON	ON	ON	ON	OFF	OFF	ON	OFF	5.62
5.63	ON	ON	ON	ON	OFF	OFF	OFF	ON	5.63
5.66	ON	ON	ON	ON	OFF	OFF	OFF	OFF	5.66
5.71	ON	ON	ON	OFF	ON	ON	ON	ON	5.71
5.74	ON	ON	ON	OFF	ON	ON	ON	OFF	5.74
5.75	ON	ON	ON	OFF	ON	ON	OFF	ON	5.75
5.78	ON	ON	ON	OFF	ON	OFF	ON	ON	5.78
5.79	ON	ON	ON	OFF	ON	ON	OFF	OFF	5.79
5.82	ON	ON	ON	OFF	ON	OFF	ON	OFF	5.82
5.82	ON	ON	ON	OFF	ON	OFF	OFF	ON	5.82
5.85	ON	ON	ON	OFF	OFF	ON	ON	ON	5.85
5.86	ON	ON	ON	OFF	ON	OFF	OFF	OFF	5.86
5.88	ON	ON	ON	OFF	OFF	ON	ON	OFF	5.88
5.89	ON	ON	ON	OFF	OFF	ON	OFF	ON	5.89
5.92	ON	ON	ON	OFF	OFF	OFF	ON	ON	5.92
5.92	ON	ON	ON	OFF	OFF	ON	OFF	OFF	5.92
5.95	ON	ON	ON	OFF	OFF	OFF	ON	OFF	5.95
5.96	ON	ON	ON	OFF	OFF	OFF	OFF	ON	5.96
6.00	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	6.00
6.11	ON	ON	OFF	ON	ON	ON	ON	ON	6.11
6.14	ON	ON	OFF	ON	ON	ON	ON	OFF	6.14
6.15	ON	ON	OFF	ON	ON	ON	OFF	ON	6.15
6.18	ON	ON	OFF	ON	ON	OFF	ON	ON	6.18
6.19	ON	ON	OFF	ON	ON	ON	OFF	OFF	6.19
6.22	ON	ON	OFF	ON	ON	OFF	ON	OFF	6.22

	switch	switch	switch	switch	switch	switch	switch	switch	
	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7	pos 8	
	10 ohm	22 ohm	47 ohm	100 ohm	249 ohm	475 ohm	825 ohm	1K ohm	
Cartridge									Cartridge
Loading									Loading
Ohm's									Ohm's
6.34	ON	ON	OFF	ON	OFF	OFF	ON	ON	6.34
6.35	ON	ON	OFF	ON	OFF	ON	OFF	OFF	6.35
6.38	ON	ON	OFF	ON	OFF	OFF	ON	OFF	6.38
6.39	ON	ON	OFF	ON	OFF	OFF	OFF	ON	6.39
6.43	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	6.43
6.50	ON	ON	OFF	OFF	ON	ON	ON	ON	6.50
6.55	ON	ON	OFF	OFF	ON	ON	ON	OFF	6.55
6.55	ON	ON	OFF	OFF	ON	ON	OFF	ON	6.55
6.59	ON	ON	OFF	OFF	ON	OFF	ON	ON	6.59
6.60	ON	ON	OFF	OFF	ON	ON	OFF	OFF	6.60
6.64	ON	ON	OFF	OFF	ON	OFF	ON	OFF	6.64
6.65	ON	ON	OFF	OFF	ON	OFF	OFF	ON	6.65
6.68	ON	ON	OFF	OFF	OFF	ON	ON	ON	6.68
6.69	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	6.69
6.72	ON	ON	OFF	OFF	OFF	ON	ON	OFF	6.72
6.73	ON	ON	OFF	OFF	OFF	ON	OFF	ON	6.73
6.77	ON	ON	OFF	OFF	OFF	OFF	ON	ON	6.77
6.78	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	6.78
6.82	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	6.82
6.83	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	6.83
6.88	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	6.88
7.16	ON	OFF	ON	ON	ON	ON	ON	ON	7.16
7.21	ON	OFF	ON	ON	ON	ON	ON	OFF	7.21
7.23	ON	OFF	ON	ON	ON	ON	OFF	ON	7.23
7.27	ON	OFF	ON	ON	ON	OFF	ON	ON	7.27
7.28	ON	OFF	ON	ON	ON	ON	OFF	OFF	7.28
7.33	ON	OFF	ON	ON	ON	OFF	ON	OFF	7.33
7.34	ON	OFF	ON	ON	ON	OFF	OFF	ON	7.34
7.37	ON	OFF	ON	ON	OFF	ON	ON	ON	7.37
7.39	ON	OFF	ON	ON	ON	OFF	OFF	OFF	7.39
7.43	ON	OFF	ON	ON	OFF	ON	ON	OFF	7.43
7.44	ON	OFF	ON	ON	OFF	ON	OFF	ON	7.44
7.49	ON	OFF	ON	ON	OFF	OFF	ON	ON	7.49
7.50	ON	OFF	ON	ON	OFF	ON	OFF	OFF	7.50
7.55	ON	OFF	ON	ON	OFF	OFF	ON	OFF	7.55
7.56	ON	OFF	ON	ON	OFF	OFF	OFF	ON	7.56
7.62	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	7.62

	switch	switch	switch	switch	switch	switch	switch	switch	
	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7	pos 8	
	10 ohm	22 ohm	47 ohm	100 ohm	249 ohm	475 ohm	825 ohm	1K ohm	
Cartridge									Cartridge
Loading									Loading
Ohm's									Ohm's
7.92	ON	OFF	ON	OFF	ON	OFF	OFF	ON	7.92
7.96	ON	OFF	ON	OFF	OFF	ON	ON	ON	7.96
7.98	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	7.98
8.03	ON	OFF	ON	OFF	OFF	ON	ON	OFF	8.03
8.04	ON	OFF	ON	OFF	OFF	ON	OFF	ON	8.04
8.10	ON	OFF	ON	OFF	OFF	OFF	ON	ON	8.10
8.10	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	8.10
8.16	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	8.16
8.18	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	8.18
8.25	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	8.25
8.45	ON	OFF	OFF	ON	ON	ON	ON	ON	8.45
8.52	ON	OFF	OFF	ON	ON	ON	ON	OFF	8.52
8.54	ON	OFF	OFF	ON	ON	ON	OFF	ON	8.54
8.60	ON	OFF	OFF	ON	ON	OFF	ON	ON	8.60
8.61	ON	OFF	OFF	ON	ON	ON	OFF	OFF	8.61
8.68	ON	OFF	OFF	ON	ON	OFF	ON	OFF	8.68
8.69	ON	OFF	OFF	ON	ON	OFF	OFF	ON	8.69
8.75	ON	OFF	OFF	ON	OFF	ON	ON	ON	8.75
8.77	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	8.77
8.82	ON	OFF	OFF	ON	OFF	ON	ON	OFF	8.82
8.84	ON	OFF	OFF	ON	OFF	ON	OFF	ON	8.84
8.91	ON	OFF	OFF	ON	OFF	OFF	ON	ON	8.91
8.92	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	8.92
8.99	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	8.99
9.01	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	9.01
9.09	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	9.09
9.23	ON	OFF	OFF	OFF	ON	ON	ON	ON	9.23
9.32	ON	OFF	OFF	OFF	ON	ON	ON	OFF	9.32
9.34	ON	OFF	OFF	OFF	ON	ON	OFF	ON	9.34
9.41	ON	OFF	OFF	OFF	ON	OFF	ON	ON	9.41
9.42	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	9.42
9.50	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	9.50
9.52	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	9.52
9.59	ON	OFF	OFF	OFF	OFF	ON	ON	ON	9.59
9.61	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	9.61
9.68	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	9.68
9.70	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	9.70

	switch	switch	switch	switch	switch	switch	switch	switch	
	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7	pos 8	
	10 ohm	22 ohm	47 ohm	100 ohm	249 ohm	475 ohm	825 ohm	1K ohm	
Cartridge									Cartridge
Loading									Loading
Ohm's									Ohm's
11.76	OFF	ON	ON	ON	ON	ON	ON	ON	11.76
11.90	OFF	ON	ON	ON	ON	ON	ON	OFF	11.90
11.93	OFF	ON	ON	ON	ON	ON	OFF	ON	11.93
12.05	OFF	ON	ON	ON	ON	OFF	ON	ON	12.05
12.07	OFF	ON	ON	ON	ON	ON	OFF	OFF	12.07
12.20	OFF	ON	ON	ON	ON	OFF	ON	OFF	12.20
12.23	OFF	ON	ON	ON	ON	OFF	OFF	ON	12.23
12.34	OFF	ON	ON	ON	OFF	ON	ON	ON	12.34
12.38	OFF	ON	ON	ON	ON	OFF	OFF	OFF	12.38
12.49	OFF	ON	ON	ON	OFF	ON	ON	OFF	12.49
12.53	OFF	ON	ON	ON	OFF	ON	OFF	ON	12.53
12.67	OFF	ON	ON	ON	OFF	OFF	ON	ON	12.67
12.68	OFF	ON	ON	ON	OFF	ON	OFF	OFF	12.68
12.83	OFF	ON	ON	ON	OFF	OFF	ON	OFF	12.83
12.86	OFF	ON	ON	ON	OFF	OFF	OFF	ON	12.86
13.03	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	13.03
13.32	OFF	ON	ON	OFF	ON	ON	ON	ON	13.32
13.50	OFF	ON	ON	OFF	ON	ON	ON	OFF	13.50
13.54	OFF	ON	ON	OFF	ON	ON	OFF	ON	13.54
13.71	OFF	ON	ON	OFF	ON	OFF	ON	ON	13.71
13.73	OFF	ON	ON	OFF	ON	ON	OFF	OFF	13.73
13.90	OFF	ON	ON	OFF	ON	OFF	ON	OFF	13.90
13.94	OFF	ON	ON	OFF	ON	OFF	OFF	ON	13.94
14.07	OFF	ON	ON	OFF	OFF	ON	ON	ON	14.07
14.13	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	14.13
14.28	OFF	ON	ON	OFF	OFF	ON	ON	OFF	14.28
14.32	OFF	ON	ON	OFF	OFF	ON	OFF	ON	14.32
14.50	OFF	ON	ON	OFF	OFF	OFF	ON	ON	14.50
14.53	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	14.53
14.72	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	14.72
14.76	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	14.76
14.99	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	14.99
15.68	OFF	ON	OFF	ON	ON	ON	ON	ON	15.68
15.93	OFF	ON	OFF	ON	ON	ON	ON	OFF	15.93
15.98	OFF	ON	OFF	ON	ON	ON	OFF	ON	15.98
16.21	OFF	ON	OFF	ON	ON	OFF	ON	ON	16.21
16.24	OFF	ON	OFF	ON	ON	ON	OFF	OFF	16.24

	switch	switch	switch	switch	switch	switch	switch	switch	
	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7	pos 8	
	10 ohm	22 ohm	47 ohm	100 ohm	249 ohm	475 ohm	825 ohm	1K ohm	
Cartridge									Cartridge
Loading									Loading
Ohm's									Ohm's
17.08	OFF	ON	OFF	ON	OFF	ON	OFF	ON	17.08
17.34	OFF	ON	OFF	ON	OFF	OFF	ON	ON	17.34
17.37	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	17.37
17.65	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	17.65
17.71	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	17.71
18.03	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	18.03
18.59	OFF	ON	OFF	OFF	ON	ON	ON	ON	18.59
18.94	OFF	ON	OFF	OFF	ON	ON	ON	OFF	18.94
19.02	OFF	ON	OFF	OFF	ON	ON	OFF	ON	19.02
19.35	OFF	ON	OFF	OFF	ON	OFF	ON	ON	19.35
19.39	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	19.39
19.73	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	19.73
19.81	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	19.81
20.09	OFF	ON	OFF	OFF	OFF	ON	ON	ON	20.09
20.21	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	20.21
20.50	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	20.50
20.59	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	20.59
20.98	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	20.98
21.03	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	21.03
21.43	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	21.43
21.53	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	21.53
22.00	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	22.00
25.25	OFF	OFF	ON	ON	ON	ON	ON	ON	25.25
25.90	OFF	OFF	ON	ON	ON	ON	ON	OFF	25.90
26.04	OFF	OFF	ON	ON	ON	ON	OFF	ON	26.04
26.66	OFF	OFF	ON	ON	ON	OFF	ON	ON	26.66
26.74	OFF	OFF	ON	ON	ON	ON	OFF	OFF	26.74
27.39	OFF	OFF	ON	ON	ON	OFF	ON	OFF	27.39
27.55	OFF	OFF	ON	ON	ON	OFF	OFF	ON	27.55
28.09	OFF	OFF	ON	ON	OFF	ON	ON	ON	28.09
28.33	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	28.33
28.91	OFF	OFF	ON	ON	OFF	ON	ON	OFF	28.91
29.09	OFF	OFF	ON	ON	OFF	ON	OFF	ON	29.09
29.86	OFF	OFF	ON	ON	OFF	OFF	ON	ON	29.86
29.96	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	29.96
30.78	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	30.78
30.98	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	30.98

	switch	switch	switch	switch	switch	switch	switch	switch	
	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7	pos 8	
	10 ohm	22 ohm	47 ohm	100 ohm	249 ohm	475 ohm	825 ohm	1K ohm	
Cartridge									Cartridge
Loading									Loading
Ohm's									Ohm's
36.50	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	36.50
37.73	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	37.73
38.03	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	38.03
39.07	OFF	OFF	ON	OFF	OFF	ON	ON	ON	39.07
39.54	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	39.54
40.66	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	40.66
41.01	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	41.01
42.57	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	42.57
42.77	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	42.77
44.47	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	44.47
44.89	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	44.89
47.00	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	47.00
54.55	OFF	OFF	OFF	ON	ON	ON	ON	ON	54.55
57.69	OFF	OFF	OFF	ON	ON	ON	ON	OFF	57.69
58.41	OFF	OFF	OFF	ON	ON	ON	OFF	ON	58.41
61.62	OFF	OFF	OFF	ON	ON	OFF	ON	ON	61.62
62.03	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	62.03
65.67	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	65.67
66.60	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	66.60
69.85	OFF	OFF	OFF	ON	OFF	ON	ON	ON	69.85
71.35	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	71.35
75.09	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	75.09
76.31	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	76.31
81.89	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	81.89
82.61	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	82.61
89.19	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	89.19
90.91	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	90.91
100.00	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	100.00
120.00	OFF	OFF	OFF	OFF	ON	ON	ON	ON	120.00
136.36	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	136.36
140.42	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	140.42
160.56	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	160.56
163.36	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	163.36
191.27	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	191.27
199.36	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	199.36
231.62	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	231.62
249.00	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	249.00

	switch	switch	switch	switch	switch	switch	switch	switch	
	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7	pos 8	
	10 ohm	22 ohm	47 ohm	100 ohm	249 ohm	475 ohm	825 ohm	1K ohm	
Cartridge									Cartridge
Loading									Loading
Ohm's									Ohm's
1000.00	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	1000.00
47000.00	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	47000.00