

PRICE 5¢

SUPREME MODELS 503 AND 504 SUPPLEMENTARY TUBE LISTING  
(This supplements 503 Roll Chart dated 12-1-38 and  
504 roll chart dated 3-1-39)

NOTE - Due to the length of this chart, it is quite expensive to print and the only way the unit cost can be kept at a reasonable figure is to print several thousand at one time. As a result, it is not possible to re-print them every time a few new tubes are released. In the meantime, these supplement sheets will be published with all corrections and additions to the most recent chart. Customers should write us from time to time for these supplements or for new rolls as they are made available. New tube rolls are \$1.00 net, supplements 5¢.

(O) after tube types denotes "Octal" type tubes; (L) after tube types denotes "Loctal" tube type. All other tube types have "non-octal" bases.

Changes in present 503 chart.

On early run of tube charts, second set of "85" type listings were in black but should be in red. Thus, first two listings should be black (as they are for non-octal type 85) and last two listings should be in red (as they are for octal type 85).

On early run of tube charts, "1231" listing was in red. Should be in black as "1231" type tube is loctal.

The following tube settings can be eliminated as the attached "Additional Tube Types" chart shows them as testable by a listing for another tube type.

35(O)	56AS	58AS	84
51	57AS	85AS	483

DROP single 1J6(O) listing and substitute two sectional tests.

1J6(O)	2	2	25	4	34
1J6(O)	2	2	25	4	56

Correct setting for 6D8 as follows:

6D8(O)	2	6	65	3	45
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Changes in present 504 chart.

Correct settings as follows:

(1) 5X3	1	5	42	6	2
(2) 5X3	1	5	42	6	3
(3) 6D8(O)	2	6	65	3	45
(4) 6X7 (dis)	2	6	15	2	45
(5) 25	2	6	15	2	45
(6) 35L6 (O)	2	11	17	3	345
(7) 35Z4 (O)	2	11	11	3	5
(8) 79	1	6	40	3	23
(9) 79	1	6	40	3	15

TUBE TYPES NOT LISTED ON 503 ROLL

(504 Owners disregard). NOTE - numerals in "S.I. column refer to additional special instructions on specific tube types found at end of tube listings.

6-1-39

T.T. 503-504#2

TUBE TYPES NOT LISTED ON EITHER

503 OR 504 ROLL. NOTE - Numerals in "S.I." column refer to additional special instructions on specific tube types found at end of tube listings.

TYPE	SI	LISTINGS					TYPE	SI	LISTINGS				
2W3(O)		2	3	41	6	4	1E4(O)		2	1	15	4	35
5X3		1	5	42	6	2	1G4(O)		2	1	13	4	35
5X3		1	5	42	6	3	1G6(O)		2	1	25	4	34
6AC6(O)		2	6	53	3	345	1G6(O)		2	1	25	4	56
6AD5(O)		2	6	41	1	35	1N6(O)		2	2	17	4	456
6R6(O)		2	6	65	3	135	1Q5(O)		2	1	54	3	345
6SA7(O)		2	6	30	3	458	6A7M(O)		2	6	51	3	456
6SC7(O)		7	6	56	3	23	6B6		1	6	69	3	34
6SC7(O)		7	6	59	3	45	6B8		1	6	60	3	234
7A6(L)		1	6	15	4	3	7A4(L)		1	6	37	3	26
7A6(L)		1	6	15	4	6	7B5(L)		1	6	45	3	36
7B7(L)		1	6	50	3	36	7B6(L)	1	1	6	41	3	23
7C6(L)	1	1	6	65	3	23	7B6(L)(Dio)		1	6	15	2	56
7C6(L)		1	6	16	2	56	7B8(L)		1	6	40	3	345
12K7(O)		2	8	63	3	145	7C5(L)		1	6	39	3	236
12Q7(O)		2	8	74	1	13	7C7(L)		1	6	51	3	346
12Q7(O)		2	8	100	1	145	7E6(L)	1	1	6	47	3	23
22S		1	9	22	2	13	7E6(L)(Dio)	2	1	6	100	1	56
25Z4(O)		2	10	11	3	5	12A8(O)		2	8	39	3	145
32L7(O)		2	11	24	3	345	12B3(O)		2	8	30	3	58
32L7(O)		2	11	19	3	6	12B8(O)	182	8	22	4	134	
35A5(L)		1	11	20	3	236	12C8(O)		2	8	22	4	136
35I6(O)		2	11	17	3	345	12C8(O)(Dio)		2	8	22	2	45
35Z3(L)		1	11	15	3	2	12F5(O)		2	8	37	3	14
35Z4(O)		2	11	11	3	5	12J7(O)		2	8	60	3	145
302		1	6	62	3	34	12SA7(O)		2	8	27	3	458
807		1	6	70	3	23	12SC7(O)		7	8	70	3	23
1253(O)		2	6	29	3	46	12SC7(O)		7	8	70	3	45
7000(O)		2	6	82	1	45	12SJ7(O)		2	8	40	3	346
7700		1	6	87	1	134	12SK7(O)		2	8	49	3	346
							12SQ7(O)		7	8	52	3	26
							12SQ7(O)(Dio)	2	7	8	100	2	45
							25X6(O)		2	10	27	3	3
							25X6(O)		2	10	35	3	5
							35Z5(O)	3	7	10	25	3	5
							40Z5(O)		7	11	13	3	5
							50LC(O)	4	2	12	30	3	345
							59B		1	3	57	3	234
							70L7(O)	5	2	4	18	3	3
							70L7(O)	5	2	4	18	5	234

SPECIAL INSTRUCTIONS - See "S.I." column in tube listings.

- (1) Push #4 and #7 buttons simultaneously during leakage test as (K) cathode is connected to both #4 and #7 tube base terminals.
- (2) Diode test - tubes reading on this test above "20" on the 503 "0-100" scale, or above "Diodes OK" mark on 504 are good.
- (3) When making filament open test, neon bulb should light on both #2 and #3.
- (4) All Supreme 503 Tube Testers having serial numbers of #400 or over, incorporate 50 volt filament taps. This is obtained by rotating the left hand rotary switch to the red-arrowway, or between #1 and #11 positions. THIS POSITION WILL BE CALLED #12 although no number appears on panel. Supreme 503's under #400 serial number do not include a 50 volt filament tap as these were produced previous to the announcement of the above 50 volt filament type tube.
- (5) Throw "Hi-Lo" toggle switch to "Hi" position. RETURN TO "LO" POSITION after test.

BALLAST TUBE TEST.

The inclusion of a 50 volt filament tap on #12 position changes the BALLAST TUBE test. Instead of rotating the left hand rotary switch to #12 position for ballast tube tests, it can be left in any position. However, a button must be depressed in the left hand push button row which does not correspond with numbers given on the tube roll opposite the ballast tube under test. For example, the 5B ballast tube type shows right hand push buttons 1, 3 and 4 to be pressed. Depress any other button on the left hand push button row to open the tester's filament circuit.

8/19/39

SPECIAL MODERNIZATION NOTICE

Models 503 & 504

Your tester will take care of all loctal, octal and non-octal tubes including 35, 50, 70 and higher filament voltage tubes. The second "arrow-way" reading from left to right points to the filament volts selector switch. The available voltages depend upon the setting of this rotary switch and the position of the "HI-LO" toggle switch. The "HI-LO" toggle should be kept in the LO position at all times except when testing tubes with a (5) in the Special Instruction (SI) column.

With the "HI-LO" toggle switch in the "HI" position, available voltages are as follows:

READING ON PANEL	VOLTAGE WITH HI-LO SWITCH IN LO POSITION	VOLTAGE WITH HI-LO SWITCH IN HI POSITION
1-----	1.5-----	55
2-----	2.0-----	60
3-----	2.5-----	65
4-----	3.3-----	70
5-----	5.0-----	75
6-----	6.3-----	80
7-----	7.5-----	85
8-----	12.6-----	90
9-----	14.0-----	95
10-----	25.0-----	100
11-----	35.0-----	Line voltage
12-----	50.0-----	No voltage

Care should be exercised to keep the "HI-LO" switch in the "LO" position except when testing tubes having over 50 volt filaments.

SPECIAL PILOT LIGHT SOCKET. Set "F. V. S." to voltage of pilot light. Set "F.R.S." to #1. For Model 500, 505, 585 and 400, throw up #7 switch. For other testers leave all switches down. Special pilot light socket only included on Supreme Instruments with metal panels.

### ADDITIONAL TUBE TYPES

Under this listing will be found numerous tube types which may or may not be directly replaceable by other types, but have the same base connections and tube test listing. If you do not find a tube listed under the regular listing, look in the first column of those given below. When you find your tube type, look in the second column (under "SEE") and refer to this type in the regular tube listing for tube tests.

For example, you desire to test a 14Z3. Looking under the "TUBE TYPE" column you find "14Z3." Opposite this type, in the "SEE" column, you find "12Z3." Refer to 12Z3 under the regular tube listing for tube tests on the 14Z3.

TUBE TYPE	SEE	TUBE TYPE	SEE	TUBE TYPE	SEE	TUBE TYPE	SEE	TUBE TYPE	SEE
00	00A	2A3H	2A3	6D8G	6D8	6N7G	6N7	24S	24A
01	01A	2A6S	2A6	6F5G	6F5	6N7MG	6N7	25	1B5
01AA	01B	2A7S	2A7	6F5GT	6F5	6Q7G	6Q7	25S	1B5
1	1V	2B7S	2B7	6F5MG	6F5	6Q7GT	6Q7	25A6G	25A6
1A4P	1A4	2G5	2E5	6F6G	6F6	6Q7MG	6Q7	25A6GT	25A6
1A4T	1A4	4S	2S	6F6M	6F6	6R7G	6R7	25A6MG	25A6
1A6S	1A6	5V4G	5V4	6F6MG	6F6	6R7MG	6R7	25A7G	25A7
1B4P	1B4	5W4G	5W4	6F7S	6F7	6S7G	6S7	25B6G	25B6
1B4T	1B4	5X4G	5X4	6F8G	6F8	6T7G	6T7	25L6G	25L6
1C6S	1C6	5Y3G	5Y3	6G6G	6G6	6V7G	6V7	25L6GT	25L6
1C7G	1C7	5Y4G	5Y4	6G7S	6G7	6W7G	6W7	25X6GT	25X6
1D5G	1D5	5Z4G	5Z4	6H6G	6H6	6X5G	6X5	25Z5MG	25Z5
1D5GP	1D5	5Z4MG	5Z4	6H6MG	6H6	6X5MG	6X5	25Z6G	25Z6
1D5GT	1D5	6A7M	6A8	6H7S	6H7	6X7G	6X7	25Z6GT	25Z6
1D7G	1D7	6A7S	6A7	6H7M	6H7	6Y5G	6Y5	27HM	56
1E4G	1E4	6A8G	6A8	6J5G	6J5	6Y6G	6Y6	27S	27
1E5G	1E5	6A8GT	6A8	6J7G	6J7	6Y7G	6Y7	32S	32
1E5GP	1E5	6A8MG	6A8	6J7GT	6J7	6Z3	1V	32L7GT	32L7
1E5GT	1E5	6A86G	6A86	6J7MG	6J7	6ZY5G	6ZY5	33S	33
1E7G	1E7	6AC5G	6AC5	6K5G	6K5	6Z7G	6Z7	34S	34
1F5G	1F5	6AC5GT	6AC5	6K6G	6K6	12A8GT	12A8	35S	35
1F7G	1F7	6B4G	6B4	6K6GT	6K6	12B8GT	12B8	35(O)	51
1G4G	1G4	6B6G	6B6	6K7G	6K7	12F5GT	12F5	35L6GT	35L6
1G5G	1G5	6B6M	6B6	6K7GT	6K7	12J7GT	12J7	35Z4GT	35Z4
1G6G	1G6	6B7M	6B8	6K7M	6K7	12K7GT	12K7	35Z5GT	35Z5
1H4G	1H4	6B7S	6B7	6K7MG	6K7	12Q7GT	12Q7	36A	36
1H5G	1H5	6B8G	6B8	6K8GT	6K8	13	80	37A	37
1H6G	1H6	6C5G	6C5	6L5G	6L5	13B	80	38A	38
1J5G	1J5	6C5MG	6C5	6L6G	6L6	14Z3	12Z3	39A	39
1J6G	1J6	6C8G	6C8	6L7G	6L7	16	81	40Z5GT	40Z5
1N5G	1N5	6D5G	6D5	6L7MG	6L7	16B	81	41S	41
1Q5G	1Q5	6D5MG	6D5	6N6G	6N6	24(N-0)	24A	42S	42

TUBE TYPE	SEE	TUBE TYPE	SEE	TUBE TYPE	SEE	TUBE TYPE	SEE	TUBE TYPE	SEE
43C	43	136A	36	336	36	AF	82		
43MG	43	137A	37	337	37	AG	83		
44	39	138A	38	338	38	AX	01A		
46S	46	139A	39	340	40	B	99		
47S	47	145	45	345	45	BX	99		
50L6GT	50L6	147	47	347	47	D <sub>1</sub>	81		
51(N-3)	35	150	50	350	50	D1	80		
51S	35	171A	71A	371A	71A	DE1	27		
55S	55	180	80	380	80	DV2	01A		
56A	76	182A	71A	381	81	DV5	01A		
56AS	76	200	00A	400A	00A	E	20		
56S	56	200A	00A	401A	01A	G	40		
57A	6C6	201	01A	410	10	G2	2S		
57AS	6D6	201A	01A	412A	12A	G2S	2S		
57S	57	210	10	420	20	G4	2S		
58A	6C6	210T	10	422	22	G4S	2S		
58AS	6D6	213	80	424	24A	G40	40		
58S	58	213B	80	424A	24A	G81	2Z2		
59S	59	216	81	426	26	H	00A		
64	36	216B	81	427	27	H250	12Z3		
64A	36	220	20	430	30	K24	24A		
65	39	222	22	431	31	K27	27		
65A	39	224A	24A	432	32	KR1	6Z3		
67	37	226	26	433	33	KR5	6A4		
67A	37	227	27	434	34	KR25	2A5		
68	38	230	30	435	35	KR28	6Z4		
68A	38	231	31	436	36	KR31	6Z3		
70L7GT	70L7	232	32	437	37	KR38	6Z4		
71	71A	233	33	438	38	LA	6A4		
71B	71A	234	34	439	39	P861	6Z4		
75S	75	235	35	440	40	PZ	47		
78S	78	236	36	441	41	R45	45		
80M	83	237	37	442	42	RE1	80		
81M	81	238	38	444	39	RE2	81		
84	6Z4	240	40	445	45	S02	50		
84S	6Z4	245	45	446	46	X140	40		
85AS	85	247	47	447	47				
85S	85	250	50	450	50				
86S	86	280	80	456	56				
88	83	281	80	457	57				
89RS	6G7	300	00A	458	58				
89S	89	300A	00A	471A	71A				
95	2A5	301	01A	480	80				
96	6Z3	301A	01A	481	81				
98	6Z4	310	10	482	82				
101A	01A	313	80	482A	71A				
110	10	313B	80	482B	102B				
112	12A	316	81	483	183				
120	20	316B	81	484A	484				
122	22	322	22	551	35				
124	24A	324A	24A	551S	35				
126	26	326	26	585	50				
127	27	327	27	586	50				
130	30	330	30	686	486				
131	31	331	31	951	32				
132	32	332	32	985	6Z4				
133	33	333	33	986	83				
134	34	334	34	AC22	24A				
135	35	335	35	AD	6Z3				

RESISTANCE TUBES (BALLAST)

The following Resistance (ballast) tubes are listed for your convenience so that you will not confuse them with regular receiving types of tubes. Resistance tubes do not require a quality, short or leakage test as they are merely enclosed resistors which can be continuity tested with an ohmmeter to ascertain whether they are "Good" or "Bad." In other words, resistance tubes resemble ordinary light bulbs which should either light or be replaced.

It will be noted that certain resistance tubes carry the same type number as receiving type tubes which, while confusing, is apparently unavoidable.

1A1	46B1S	140R44	270R	K49Y	L49BX
1B1	49A1	164A	270R4	K52H	L49C
1C1	49A2	165KB	270R8	K55A	L49CJ
1D1	49B2	165KC	878R18	K55B	L49D
1E1	50	165L4	1916	K55C	L49DJ
1F1	50A2	165L8	3326	K55CP	L49E
1G1	50A2MG	165L44	3334A	K55CPR	L49S3
1K1	50B2	165LB	3613	K55D	L55-5.5E
1R1G	50B2MG	165LC	8593	K55E	L55B
1T1G	50MG	165M4	8597	K55F	L55C
1Y1	50W	165M8	8600	K55G	L55CP
1Z1	50X3	165R	8601	K55H	L55CPR
2	50X3T	165R4	8663	K55J	L55D
2LR-212	50X300	165R8	8664	K67B	L55S1
2UR-215	55A	165R44	81,963	K74B	L55S2
2UR-224	55A1	185A	BK42D	K74C	L55S3
3	55A2	185KB	BK49D	K75B	L75CC
3.25	55B2	185KC	BL42D	K78B	L75-C.C
3CR-241	60R30	185L4	BM36C	K79B	L80B
3ER-248	50R30G	185L8	BM42C	K80A	L80C
3MR-253	64.23	185L44	BM49B	K80B	L100D
4	69.2033	185LB	BM49C	K80C	M36B
5	69.2037	185LC	BM55B	K87B	M36C
5B	80A	185M4	BM80B	K90B	M42B
6	85-L-75CC	185M8	C9266	K90C	M42C
6.125	90A	185R	EK249	K90F	M42D
6.126	100.37	185R4	FL49C	K92B	M42H
6.128	100.38	185R8	BL55C	K95B	M52H
6.129	115.14	185R44	K22C	L36B	M55B
6.130	115.17	245A	K22E	L36C	M55C
6B	115.17S	245KB	K23C	L36D	M55D
7	115.18	245KC	K36A	L36DJ	M55H
8	115.19	250A	K36B	L40E	M80B
9	115.20	250KB	K36C	L40S2	M80C
10.610	115.22	250KC	K38B2	L42B	W40E55
32	140A	250L4	K40X	L42BS	W42520
36A	140KB	250L8	K40Y	L42BX	W43357
40	140KC	250M4	K42B	L42C	W43506
40A2	140L4	250M8	K42C	L42CJ	X780-275
40B2	140L8	250R	K42D	L42D	X787-235
40W	140L44	250R4	K42E	L42DJ	
40X300	140M4	250R8	K49B	L42DSX	
45W	140M8	270L4	K49C	L42DX	
46A1	140R	270L8	K49D	L49-5.5C	
46A1S	140R4	270M4	K49E	L49-5.5E	
46B1	140R8	270M8	K49X	L49B	



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