TABLE OF COMPONENTS A70

Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C2	25 p.f.	13	14	28 H	C34	0.01 µ.f.	73	72	23 G	R17	10,000	65	31	20 E
C3	500 p.f.	12	14	30 H	C37	150 p.f.	71	69	13 K	R18	47,000 ½w.	79	65	20 F
C4	Trimmer	21	5	33 G	C39	100 p.f.	71	5	22 G	R21	150,000	79	5	20 D
C6	500 p.f.	18	5	34 F	C41	100 p.f.	72	5	21 F	R22	47,000	82	80	20 G
C7	10 p.f.	22	5	31 F	C42	8 µ.f.	100	65	25 E	R23	470,000	82	5	20 E
C8	85 p.f.	24	5	32 F	C43	0.005 µ.f.	82	79	20 E	R24	22,000	100	6	24 F
C9a	Variable	26	5	4 C	C44	20 µ.f.	100	5	25 B	R25	25,000	75	31	23 B
C9b	Variable	52	5	5 B	C47	0.08 µ.f.	83	75	19 F	R26	180 1w.	84	5	21 E
C11	Trimmer	26	5	5 C	C48	16 µ.f.	100	89	24 C	R28	470 1w.	100	4	24 E
C12	500 p.f.	27	23	29 F	C49	8 µ.f.	100	31	25 E	R30	27	4	5	23 E
C13	0.1 µ.f.	59	5	28 E										
C14	0.05 µ.f.	34	5	26 G										
C16	0.1 µ.f.	28	5	23 E	R1	470,000	28	27	29 G	L1	3	14	12	30 H
C17	100 p.f.	37	33	31 E	R2	22,000 1w.	59	31	25 F	L2	*	17	5	32 G
C18	200 p.f.	40	36	28 D	R3	270	34	5	26 F	L3	*	21	5	32 G
C19	Trimmer	39	5	33 C	R4	22,000	36	34	27 D	L4	*	18	16	32 F
C21	Trimmer	41	5	33 B	R5	22,000	7	5	28 F	L6	25	18	5	33 F
C22	676 p.f.	49	41	31 A	R6	33,000 1w.	33	31	25 D	L7	3	22	5	32 F
C23	20 p.f.	41	5	31 B	R7	47	47	5	32 C	L8	15	24	5	33 F
C24	375 p.f.	51	42	31 A	R8	8,200	38	2	27 E	L9	*	47	43	32 C
C26	Trimmer	42	5	33 D	R9	470	48	5	32 E	L11	*	39	5	32 C
C27	260 p.f.	42	5	31 D	R11	4,700	50	31	25 E	L12	*	48	44	32 B
C28	139 p.f.	50	32	6 K	R12	1 MΩ	73	6	14 A	L13	1	41	5	32 B
C29	0.025 µ.f.	50	5	25 F	R13	2 MΩ	71	28	23 F	L14	*	48	46	32 D
C31	150 p.f.	58	28	9 K	R14	100,000	72	71	22 E	L16	15	42	5	32 D
C33	139 p.f.	61	31	10 K	R16	470,000	72	5	22 F	L17	6	50	32	7 H

Code	Value	Test	Pts	Square
L18	6	53	58	7 J
L21	6	61	31	12 K
L22	6	71	69	12 J
L27	1400	31	88	L.S.F.
T1 Prim.				
200-205	18	101	107	
210-220	20	101	106	
230-240	22	101	104	14 D
250	24	101	108	
H.T.	250	91	100	
Sec.	+250	92	100	
T2				
Prim.	320	83	31	5 G
Sec.	*	1	5	
Sp. coil	3	95	5	

All values marked '*' less than 1 ohm.

TABLE OF COMPONENTS A70C and A70RG

Code	Value	Test	Pts	Square
C2	25 p.f.	14	13	-
C3	500 p.f.	14	12	30 H
C4	Trimmer	21	5	33 G
C6	500 p.f.	18	5	34 F
C7	10 p.f.	22	5	31 F
C8	85 p.f.	24	5	32 F
C9a	Variable	26	5	4 C
C9b	Variable	52	5	5 B
C11	Trimmer	26	5	5 C
C12	500 p.f.	27	23	29 F
C13	0.1 µ.f.	59	5	28 E
C14	0.05 µ.f.	34	5	26 G
C16	0.1 µ.f.	28	5	23 F
C17	100 p.f.	37	33	31 E
C18	200 p.f.	40	36	28 D
C19	Trimmer	39	5	33 C
C21	Trimmer	41	5	33 B
C22	676 p.f.	49	41	31 A
C23	20 p.f.	41	5	31 B
C24	375 p.f.	51	42	31 A
C26	Trimmer	42	5	33 D
C27	260 p.f.	42	5	31 D
C28	139 p.f.	50	32	6 K
C29	0.025 µ.f.	50	5	25 F
C31	150 p.f.	58	28	9 K
C33	139 p.f.	61	31	10 K
C34	0.01 µ.f.	73	72	20 G
†C35	0.007 µ.f.	68	6	22 G
C37	150 p.f.	71	69	13 K
C39	100 p.f.	71	5	22 G
†C40	0.003 µ.f.	70	6	20 D
C41	100 p.f.	72	5	23 F
C42	8 µ.f.	100	65	25 E
C43	0.003 µ.f.	82	79	20 F
C44	20 µ.f.	100	5	24 E
C45	0.6 µ.f.	86	5	25 B
C46	75 µ.f.	90	84	22 E
C47	0.04 µ.f.	83	87	19 F
C48	16 µ.f.	100	89	24 C
C49	8 µ.f.	100	31	26 E
R1	470,000	28	27	29 G
R2	22,000 1w.	59	31	25 E
R3	270	34	5	26 F
R4	22,000	36	34	27 D
R5	22,000	7	5	28 F
R6	33,000 1w.	35	33	26 D
R7	47	47	5	32 C
R8	8,200	38	2	27 E
R9	470	48	5	32 E
R11	4,700	50	31	25 F
R12	1 MΩ	60	6	14 A
R13	2 MΩ	71	28	23 F
R14	100,000	72	71	23 E
R16	470,000	72	5	22 F
R17	10,000	65	31	20 E
R18	47,000 ½w.	79	65	21 F
R21	150,000	79	5	20 F
R22	47,000	82	80	19 G
R23	470,000	82	5	20 G
R24	22,000	100	6	24 E
R26	160 1w.	85	84	22 E
R27	27,000	105	87	19 E
R28	470 1w.	100	4	24 F
R29	47,000	87	5	19 E
R30	27	4	5	23 E
L1	3	14	12	30 H
L2	*	17	5	32 G
L3	*	21	5	32 G
L4	*	18	16	32 F
L6	25	18	5	33 F
L7	3	22	5	32 F
L8	15	24	5	33 F
L9	*	47	43	32 C
L11	*	39	5	32 C
L12	*	48	44	32 B
L13	1	41	5	32 B
L14	*	48	46	32 D
L16	15	42	5	32 D
L17	6	50	32	7 H
L18	6	53	58	7 J
L19	*	56	53	7 L
L21	6	61	31	12 K
L22	6	71	69	12 J
L24	380+15	86	5	25 A
L27	1400	31	88	L.S.F.
T1 Prim.				
200-205	18	101	107	
210-220	20	101	106	
230-240	22	101	104	14 D
250	24	101	108	
H.T.	250	91	100	
Sec.	+250	92	100	
T2				
Prim.	320	83	31	5 G
Sec.	*	1	5	
Sp. coil	4	95	5	

All values marked '*' less than 1 ohm.

Components labeled '†' in RG only.

TABLE OF COMPONENTS A72 and A72RG

Code	Value	Test	Pts	Square
C1	15 p.f.	11	14	29 H
C2	50 p.f.	13	14	29 G
C3	500 p.f.	12	14	30 H
C4	Trimmer	21	5	2 G
C5	150 p.f.	11	17	30 G
C6	500 p.f.	18	5	34 F
C7	10 p.f.	22	5	31 F
C8	85 p.f.	24	5	32 F
C9a	Variable	26	5	5 C
C9b	Variable	52	5	5 B
C11	Trimmer	26	5	5 C
C12	500 p.f.	23	27	28 F
C14	0.05 µ.f.	34	5	26 G
C16	0.01 µ.f.	28	5	23 E
C17	100 p.f.	33	31	30 D
C18	200 p.f.	36	40	30 D
C19	Trimmer	39	5	2 C
C21	Trimmer	41	5	1 B
C22	676 p.f.	41	49	31 A
C23	20 p.f.	41	5	31 B
C24	375 p.f.	42	51	31 D
C25	0.025 µ.f.	50	5	28 E
C26	Trimmer	42	5	2 D
C27	260 p.f.	42	5	31 D
C28	139 p.f.	32	50	6 L
C29	0.08 µ.f.	59	5	24 F
†C30	0.001 µ.f.	65	70	22 D
C31	150 p.f.	58	54	8 K
C32	0.05 µ.f.	54	5	24 E
C33	139 p.f.	61	31	10 L
C34	0.01 µ.f.	73	62	23 H
C37	50 p.f.	61	63	24 F
C39	8 µ.f.	31	5	25 E
†C40	120 p.f.	62	72	20 C
C41	150 p.f.	71	69	13 U
C42	20 µ.f. 35v.	81	5	24 H
C43	100 p.f.	71	81	22 G
C44	100 p.f.	72	81	21 E
C46	0.05 µ.f.	74	5	21 F
C47	0.025 µ.f.	79	82	20 F
C48	850 p.f.	75	83	2 E
C49	0.025 µ.f.	5	86	3 E
C51	75 µ.f.	84	85	19 A
C52	0.04 µ.f.	83	87	19 F
C53	16 µ.f.	89	5	24 C
C54	8 µ.f.	88	5	25 E
R1	470,000	27	28	29 G
R2	4,700	31	50	25 E
R3	220	34	5	26 F
R4	22,000	36	34	27 D
R5	8,200	2	38	29 E
R6	33,000 1w.	33	35	26 D
R7	47	47	5	32C
R8	470	48	5	32 E
R9	22,000 1w.	31	59	25 F
†R10	100,000	68	6	20 H
R11	1 MΩ	54	57	24 E
R12	1 MΩ	60	6	14 A
R14	22,000	6	5	30 C
†R15	100,000	65	68	20 H
R16	47,000 1w.	31	81	21 E
R17	100,000	71	72	22 E
R19	390,000	67	72	22 E
R21	68,000	67	81	22 F
R23	47,000 ½w.	31	79	20 E
R24	180	81	4	21 G
R26	2,700 ½w.	4	5	29 B
R27	150,000	79	81	20 F
R28	1 MΩ	63	57	24 E
R29	470,000	57	5	24 D
R31	1.5 MΩ	74	72	21 E
R32	1 MΩ	78	31	13 B
R33	2.2 MΩ	63	28	23 E
R34	47,000	82	80	19 G
R36	150,000	82	5	19 E
R37	170 1w.	84	85	20 D
R38	100	85	5	21 D
R39	27,000	87	105	19 D
R41	47,000	87	5	19 F
L1	3	14	12	30 H
L2	*	17	5	32 G
L3	*	21	5	32 G
L4	*	16	18	32 F
L6	25	18	5	33 F
L7	3	22	5	2 F
L8	15	24	5	33 F
L9	*	43	47	32 C
L11	*	39	5	32 C
L12	*	44	48	32 B
L13	1	41	5	32 B
L14	0.5	46	48	32 D
L16	15	42	5	32 D
L17	6	50	32	7 L
L18	6	58	53	7 J
L19	*	56	53	7 L
L21	6	31	61	12 L
L22	6	71	69	12 T
L23	300	75	31	3 F
L24	380 + 15	86	5	3 F
L27	1400	31	88	L.S.F.
L28	250	89	88	10 B

T1 Prim.				
200-205	18	108	101	
210-220	20	104	101	
230-240	22	106	101	15 D
250	24	107	101	
H.T.sec.	250	5	91	
	+250	5	92	
T2				
Prim.	320	31	83	5 G
Sec.	*	5	1	
L.S.				
Sp. Coil	3	90	95	

All values marked '*' less than 1 ohm.

Components labeled '†' in RG only.

TABLE OF COMPONENTS A74 and A74C

Code	Value	Test	Pts	Square
C1	50 p.f.	11	12	37 H
C2	500 p.f.	19	5	38 J
C3	Trimmer	17	5	5 E
C4	Trimmer	26	5	39 G
C7a	Gang	17	5	4 E
C7b	Gang	29	5	4 D
C7c	Gang	71	5	5 B
C8	85 p.f.	21	23	39 G
C9	20 p.f.	14	24	37 H
C12	10 p.f.	27	5	37 E
C13	85 p.f.	28	5	40 E
C14	500 p.f.	31	34	34 F
C17	Trimmer	29	5	5 D
C18	0.025 µ.f.	33	41	33 D
C19	0.01 µ.f.	41	5	33 F
C22	0.05 µ.f.	41	5	30 D
C23	50 p.f.	41	56	33 C
C24	100 p.f.	39	44	35 D
C27	200 p.f.	52	5	33 C
C28	Trimmer	62	5	39 D
C29	260 p.f.	62	5	37 D
C32	139 p.f.	37	64	5 L
C33	0.05 µ.f.	64	5	34 G
C34	30 p.f.	58	66	37 C
C37	160 p.f.	42	73	7 K
C38	Trimmer	61	5	39 B
C39	20 p.f.	61	5	37 B
C41	676 p.f.	61	67	34 B
C42	375 p.f.	62	68	34 C
C43	Trimmer	59	5	32 B
C44	0.05 µ.f.	42	5	30 C
C46	10 p.f.	59	5	33 B
C47	0.025 µ.f.	75	5	30 B
C48	160 p.f.	63	77	11 L
C49	160 p.f.	78	81	12 K
C52	0.05 µ.f.	81	86	27 G
C53	0.025 µ.f.	86	5	30 G
C54	0.05 µ.f.	83	5	29 G
C57	0.05 µ.f.	93	106	28 C
C58	139 p.f.	83	84	13 L
C59	150 p.f.	89	99	16 L
C62	100 p.f.	89	106	28 D
C63	75 p.f.	91	94	27 C
C64	100 p.f.	91	106	28 C
C65	500 p.f.	101	98	28 A
C67	50 p.f.	84	87	14 M
C68	C. 0.002 µ.f. T. 0.01 µ.f.	95	101	30 B
C69	500 p.f.	90	101	28 B
C72	8 µ.f.	32	5	28 E
C73	20 µ.f.	106	5	27 G
C74	0.05 µ.f.	105	107	22 H
C75	6 µ.f.	110	5	22 B
C76	0.05 µ.f.	115	5	30 E
C77	850 p.f.	112	113	3 E
C78	8 µ.f.	63	5	28 E
C76	0.05 µ.f.	115	5	30 E
C77	850 p.f.	112	113	3 E
C78	8 µ.f.	63	5	28 E
C79	C. 25 µ.f. T. 75 µ.f.	109	114	25 H
C82	0.6 µ.f.	109	115	23 H
C83	0.05 µ.f.	113	116	22 C
C84	8 µ.f.	120	5	24 E
C87	8 µ.f.	122	5	23 B
R1	470,000	34	36	34 F
R2	27,000 1w	32	33	30 D
R3	220	41	5	30 C
R4	22,000	41	47	34 E
R5	22,000	7	5	33 G
R6	6	48	50	34 D
R7	33,000 1w	38	39	34 E
R8	47	49	53	34 C
R9	470	52	57	38 D
R12	8,200	2	43	37 B
R13	4,700	63	64	34 G
R14	390	75	5	30 C
R17	390	86	5	29 E
R18	1.5MΩ	92	93	29 C
R19	3,900	63	83	22 C
R22	100,000	89	91	27 D
R23	270,000	91	92	28 C
R24	120,000	90	92	28 B
R27	68,000	90	106	27 B
R28	1MΩ	6	103	17 B
R29	22,000	6	5	22 E
R32	2,700	32	63	22 F
R33	47,000	32	105	22 G
R34	150,000	105	106	22 G
R37	180	4	106	22 F
R38	2,700	4	5	22 E
R39	47,000 1w	63	106	22 F
R42	680,000	87	88	15 L
R43	820,000	88	5	15 M
R44	1MΩ	81	88	15 M
R47	2.2MΩ	42	87	28 F
R48	1MΩ	97	98	11 B
R49	470,000	107	109	23 H
R52	47,000	107	121	27 G
R53	180 1w	109	114	22 H
R54	12	111	115	24 D
R57	18,000	118	5	22 D
R58	22,000	116	5	22 D
L1	1	18	19	37 G
L2	25	19	5	39 H
L3	15	21	23	39 H
L4	*	16	5	37 H
L6	3	22	5	38 G
L7	1	23	5	39 E
L8	*	24	5	37 G
L9	*	26	5	38 H
L11	2.5	27	5	37 E
L12	15	28	5	39 E
L13	*	48	56	33 D
L14	*	52	53	34 B
L16	1	51	54	38 B
L17	1	50	57	38 D
L18	*	58	5	33 C
L19	*	59	5	33 B
L21	1.5	61	5	37 B
L22	2	62	5	37 D
L23	6	37	64	6 L
L26	6	72	73	6 K
L27	6	63	77	11 M
L28	*	79	80	11 L
L29	6	78	79	11 K
L31	6	83	84	15 L
L32	6	89	99	15 K
L33	2	109	111	3 E
L34	2	108	111	3 E
L35	300 + 20	110	5	11 F
L36	650	63	112	3 E
L37	1400	63	120	L.S.F.
L38	280	120	122	14 B
T2 Prim.	400	63	113	2 H
Sec.	*	5	1	
T1 Prim.				
200-205	18	137	136	18 H
210-220	20	137	134	
230-240	23	137	133	
250	25	137	132	
H.T.Sec.	140	5	123	
	+160	5	124	

All values marked '*' less than 1 ohm.

Components labeled 'T' & 'C' are fitted to Table & Console models respectively

TABLE OF COMPONENTS A76

Code	Value	Test	Pts	Square
C1	50 p.f.	11	12	38 J
C2	50 p.f.	13	14	44 N
C3	85 p.f.	5	13	44 N
C4	0.025 µ.f.	16	23	34 G
C7	0.025 µ.f.	23	5	31 F
C8	85 p.f.	24	5	35 G
C9	85 p.f.	24	6	35 G
C12	25 p.f.	26	36	36 E
C13	5-35 p.f.	54	5	41 G
C14	5-35 p.f.	56	5	41 E
C17a	Gang	48	5	4 F
C17b	Gang	58	5	4 D
C17c	Gang	102	5	4 C
C18	500p.f.	51	5	39 G
C19	1.1 p.f.	26	37	32 F
C22	100 p.f.	52	5	41 G
C23	83 p.f.	57	5	39 E
C24	10 p.f.	37	5	39 E
C27	25 p.f.	37	47	38 F
C28	0.1 µ.f.	109	5	34 D
C29	500 p.f.	61	62	36 F
C32	0.01 µ.f.	59	5	32 E
C33	0.025 µ.f.	34	5	34 B
C34	139 p.f.	64	92	35 C
C35	260 p.f.	73	5	39 B
C37	139 p.f.	71	64	35 C
C38	139 p.f.	119	103	8 B
C39	100 p.f.	63	68	35 C
C40	200 p.f.	97	5	40 E
C42	5-35 p.f.	73	5	41 B
C43	20 p.f.	72	5	39 D
C44	5-35 p.f.	72	5	41 D
C47	676 p.f.	72	99	39 C
C48	70 p.f.	71	98	38 D
C49	150 p.f.	107	108	6 C
C52	375 p.f.	73	101	39 B
C53	0.025 µ.f.	108	5	29 E
C54	139 p.f.	112	111	16 F
C57	0.05 µ.f.	112	5	29 D
C58	150 p.f.	118	114	16 F
C59	100 p.f.	118	124	29 H
C60	50 p.f.	111	113	26 F
C62	100 p.f.	122	124	29 H
C63	0.01 µ.f.	122	125	29 G
C64	20 µ.f. 35 vdc	124	5	26 H
C67	0.05 µ.f.	117	124	29 G
C68	0.01 µ.f.	126	128	25 H
C69	0.025 µ.f.	135	5	8 H
C72	850 p.f.	132	131	7 G
C73	75 µ.f. 20 vdc	133	134	25 F
C74	8 µ.f.	119	5	28 B
C77	8 µ.f.	139	5	27 B
C78	16 µ.f.	141	5	23 B
C79	0.04 µ.f.	131	136	29 B
R1	22,000	7	5	36 H
R2	22,000	16	119	31 H
R3	15,000 1w	24	119	31 G
R4	220	23	5	31 F
R5	5,000	22	5	47 N
R7	22,000 1w	109	119	31 D
R8	470,000	59	62	35 E
R9	22,000	67	64	37 D
R10	8,200	69	2	31 C
R12	33,000 1w	63	119	35 B
R13	10	66	67	36 D
R14	220	64	5	31 A
R15	53,000	79	86	44 D
R16	22,000	80	84	47 D
R17	2.2MΩ	59	113	28 F
R18	470	94	97	40 E
R19	2,200	112	119	29 D
R20	22,000	81	83	47 D
R22	100,000	118	122	30 H
R23	1.5MΩ	117	122	30 G
R24	600,000	122	124	29 H
R27	180	124	4	28 F
R28	2,700	5	4	38 G
R29	22,000	6	5	29 G
R32	1MΩ	125	6	18 B
R33	150,000	124	126	29 F
R34	47,000	119	124	29 F
R37	47,000	119	126	29 F
R38	1MΩ	113	121	26 G
R39	470,000	121	5	26 H
R42	1MΩ	121	108	29 E
R43	1MΩ	119	116	5 G
R44	47,000	128	129	25 H
R47	270,000	128	5	24 H
R48	170	133	134	29 D
R49	100	134	5	25 A
R52	47,000	136	5	29 C
R53	27,000	136	137	29 C
L1	*	16	5	47 M
L2	*	17	5	45 M
L3	*	18	5	44 M
L4	*	19	5	43 N
L6	*	20	5	44 N
L7	*	21	5	46 N
L8	*	22	5	47 N
L9	*	27	5	47 J
L11	*	28	5	45 J
L12	*	29	5	44 J
L13	*	31	5	43 J
L14	*	32	5	46 J
L16	*	33	5	46 J
L17	*	34	5	47 J
L18	*	49	5	40 H
L19	26	51	5	41 H
L21	15	52	53	41 H
L22	2	54	5	39 H
L23	2.5	56	5	39 G
L24	1	53	5	40 E
L25	15	57	5	39 E
L27	*	38	5	46 F
L28	*	39	5	45 F
L29	*	41	5	44 F
L31	*	42	5	43 G
L32	*	43	5	45 G

Code	Value	Test	Pts	Square
L33	*	44	5	46 G
L34	*	46	5	47 G
L36	*	74	91	46 C
L37	*	76	89	45 C
L38	*	77	88	44 C
L39	*	78	87	43 D
L41	*	79	86	45 D
L42	*	80	84	46 D
L43	*	81	83	47 D
L44	*	119	103	7 B
L45	*	104	106	7 B
L46	6	106	107	7 C
L47	1	93	94	40 D
L48	1.5	72	5	39 D
L49	1	94	96	40 B
L51	2	73	5	39 B
L52	6	111	112	15 E
L53	6	114	118	15 F
L54	400	134	136	7 H
L56	12	134	5	7 H
L57	250	132	119	7 H
L58	250	139	141	16 B
L59	1,400	119	139	L.S.F.
T1 Prim.				
C-200v.	17	151	152	19 F
C-215v.	19	151	153	19 F
C-235v.	21	151	155	20 F
C-250v.	24	151	156	20 F
H.T.	140	5	144	19 D
Sec.	+150	5	143	19 D
T2				
Prim.	400	131	119	3 G
Sec.	*	1	5	

All values marked '*' less than 1 ohm.

TABLE OF COMPONENTS B69

Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1	35 p.f.	14	11	28 H	C27	92 p.f.	57	31	10 L	R12	47,000	61	59	24 G	L12	*	48	44	32 B
C2	500 p.f.	14	12	30 H	C28	92 p.f.	59	58	13 L	R13	1 MΩ	61	34	24 F	L13	1	47	41	32 B
C3	Trimmer	21	5	33 G	C29	50 p.f.	59	5	24 F	R14	68,000	64	31	21 F	L14	*	48	46	32 D
C4	500 p.f.	18	5	32 E	C31	50 p.f.	61	5	24 E	R16	2 MΩ	67	62	14 B	L16	1.5	47	42	32 D
C6	0.1 µ.f.	28	5	25 F	C32	0.001 µ.f.	62	61	23 E	R17	100,000	67	63	22 D	L17	6	32	31	7 K
C7	10 p.f.	28	22	31 F	C33	0.2 µ.f.	67	5	21 E	R18	100,000	68	65	20 E	L18	6	54	28	7 J
C8	85 p.f.	28	24	32 F	C34	0.001 µ.f.	65	64	21 E	R19	2.2 MΩ	66	65	20 F	L21	6	57	31	12 K
C9a	Variable	26	5	5 C	C36	50 µ.f.	84	5	23 H	R21	150,000	69	31	22 B	L22	6	59	58	12 J
C9b	Variable	52	5	5 B	C37	0.01 µ.f.	74	71	19 E	R22	150	66	63	22 F					
C11	0.05 µ.f.	56	5	25 E	C38	100 p.f.	68	5	19 F	R23	200	63	5	22 F					
C12	Trimmer	26	5	5 C	C39	8 µ.f.	31	5	24 B	R24	620	84	66	22 G	T2				
C13	200 p.f.	47	43	31 B											Prim.	400	74	31	5G
C14	Trimmer	47	39	33 C											Sec.	*	86	5	
C16	20 p.f.	47	41	34 B	R1	100	13	5	29 G	L1	3	12	14	30 G					
C17	Trimmer	47	42	33 D	R2	39,000	56	31	25 E	L2	*	17	5	32 G					
C18	260 p.f.	47	42	34 D	R3	22,000	38	34	27 F	L3	*	28	21	32 G					
C19	Trimmer	47	41	33 B	R4	20	38	37	29 C	L4	*	18	16	32 F					
C21	0.006 µ.f.	47	5	28 D	R6	300	48	43	32 E	L6	25	18	5	33 F					
C22	762 p.f.	49	41	29 D	R7	5,000	53	31	25 D	L7	3	28	22	32 F					
C23	400 p.f.	51	42	31 D	R8	43,000	53	47	29 F	LB	15	28	24	33 F					
C24	92 p.f.	32	31	6 L	R9	2.2 MΩ	61	28	23 F	L9	*	37	36	32 C					
C26	92 p.f.	54	28	9 L	R11	8.2 MΩ	84	28	22 E	L11	*	47	39	32 C					

S.1. Switch Positions
Top Short-waves
Middle Medium-waves
Bottom Long-waves

All values marked '*' less than 1 ohm.

P80 & RA80 TABLE OF COMPONENTS

Code	Value P80	Value RA80	Test	Pts	Code	Value	Test	Pts
C1	35 p.f.	50 p.f.	8	5	L1	8	11	7
C2	260 p.f.	260 p.f.	7	5	L2	8	12	7
C3	175 p.f.	175 p.f.	2	5	L3	11	13	7
C4	150 p.f.	160 p.f.	3	5	L4	12	14	7
C6	Trimmer	Trimmer	8	5	L6	27	16	7
C7	——	2 µ.f.	6	4	L7	27	17	7
C8	350 p.f.	375 p.f.	18	8	L8	5	21	3
C9	Trimmer	Trimmer	5	3	L9	5	22	3
C11	600 p.f.	600 p.f.	19	7	L11	7	23	3
					L12	7	24	3
R1	——	100,000	39	6	L13	15	26	3
					L14	15	27	3

TABLE OF COMPONENTS B71 and B71A

Code	Value	Test	Pts	Square
C1	35 p.f.	11	14	28 H
C3	500 p.f.	12	14	30 H
C4	Trimmer	21	5	33 G
C5	Trimmer	16	5	
C6	500 p.f.	18	5	33 F
C7	10 p.f.	22	5	31 F
C8	85 p.f.	24	5	33 F
C9a	Variable	26	5	5 C
C9b	Variable	52	5	5 B
C11	Trimmer	26	5	5 C
C12	500 p.f.	23	27	29 F
C13	100 p.f.	30	2	27 E
C16	0.1 µ.f.	28	5	25 F
C17	200 p.f.	43	47	31 C
C18	0.006 µ.f.	47	5	28 E
C19	Trimmer	47	39	33 C
C20	Trimmer	50	35	
C21	Trimmer	41	47	33 B
C22	762 p.f.	41	49	30 D
C23	20 p.f.	41	47	33 B
C24	400 p.f.	42	51	31 D
C26	Trimmer	42	47	33 D
C27	260 p.f.	42	47	33 D
C28	92 p.f.	31	32	6 L
C29	0.05 µ.f.	56	5	25 E
C31	92 p.f.	54	28	9 L
C33	92 p.f.	57	31	10 L
C34	0.01 µ.f.	61	62	23 H
C36	0.002 µ.f.	66	5	20 F
C37	300 p.f.	66	64	20 E
C38	0.002 µ.f.	64	5	21 F
C41	92 p.f.	58	59	13 L
C43	50 p.f.	59	5	24 F
C44	50 p.f.	61	5	24 E
C47	0.05 µ.f.	66	65	19 E
C48	0.01 µ.f.	69	71	20 G
C49	8 µ.f.	31	5	25 D
C51	50 µ.f.	84	5	24 H
R1	470,000	27	28	29 G
R2	100	13	5	29 H
R3	20	37	38	30 C
R4	22,000	34	38	29 C
†R5	22,000	43	40	31 D
R6	5,000	31	53	29 D
R7	43,000	53	47	31 E
R8	300	43	48	32 E
R9	39,000	31	56	25 E
R11	8.2 MΩ	28	84	23 E
R12	2 MΩ	62	63	14 A
R13	2.2 MΩ	61	28	23 F
R17	47,000	59	61	24 F
R19	1 MΩ	34	61	24 F
R21	68,000	31	66	19 D
R22	150,000	67	84	22 E
R23	150,000	71	69	23 B
R24	200	63	5	21 E
R26	800	63	84	21 F
R27	2,200	86	84	22 F
L1	3	14	12	30 H
L2	*	17	5	32 G
L3	*	21	5	32 G
L4	*	16	18	32 F
†L5	*	15	5	28 G
L6	25	18	5	33 F
L7	3	22	5	32 F
L8	15	24	5	33 F
L9	*	36	37	32 C
†L10	*	16	5	28 G
L11	*	39	47	32 C
L12	*	44	48	32 B
L13	1	41	47	32 B
L14	*	46	48	32 D
†L15	*	40	30	28 B
L16	1.5	42	47	32 D
L17	6	32	31	7 K
L18	6	54	28	7 J
†L20	*	50	35	28 B
L21	6	31	57	12 K
L22	6	58	59	12 J
L23	350	66	64	11 E

Code	Value	Test	Pts	Square
T1				
Prim.	175	65	5	
Sec.	900	68	67	20 D
	+700	+67	76	
T2	200	69	31	
Prim.	+200	+31	74	5G
Sec.	*	1	5	

S.1. Switch Positions B71

Top	Press-buttons
2	Short-waves
3	Medium-waves
Bottom	Long-waves

S.1. Switch Positions B71A

Top	"A" waveband
2	Short waves
3	Medium waves
Bottom	Long-waves

All values marked '*' less than 1 ohm.

Components marked '†' on B71A only.

TABLE OF COMPONENTS B81

Code	Value	Test	Pts	Square
C1	58 p.f.	17	16	6 A
C2	0.05 µ.f.	17	5	22 C
C3a	Variable	12	5	7 B
C3b	Variable	29	5	7 D
C3c	Variable	51	5	7 C
C4	0.05 µ.f.	18	5	22 D
C5	5 p.f.	12	11	6 B
C6	Trimmer	12	5	7 B
C7	245 p.f.	23	19	7 G
C8	0.05 µ.f.	28	5	24 E
C9	65 p.f.	28	27	3 G
C10	10 p.f.	29	31	24 H
C11	0.05 µ.f.	32	5	21 H
C12	Trimmer	29	5	7 E
C13	0.003 µ.f.	41	5	22 E
C14	500 p.f.	37	44	21 F
C16	175 p.f.	46	32	5 G
C17	0.05 µ.f.	38	33	21 G
C18	92 p.f.	38	44	8 H
C19	Trimmer	46	5	3 E
C21	0.05 µ.f.	46	5	25 G
C22	35 p.f.	51	24	21 E
C23	92 p.f.	47	48	11 H
C24	382 p.f.	51	5	22 F
C26	Trimmer	51	5	7 D
C27	736 p.f.	51	49	22 F
C28	0.05 µ.f.	52	5	17 F
C29	0.05 µ.f.	24	5	17 H
C31	92 p.f.	53	19	13 H
C32	100 p.f.	54	53	17 E
C33	92 p.f.	58	57	10 H
C34	50 p.f.	58	5	19 E
C35	0.01 µ.f.	61	59	16 B
C36	50 p.f.	59	5	18 F
C37	500 p.f.	66	5	14 E
C38	0.05 µ.f.	67	66	14 F
C39	0.007 µ.f.	72	5	16 F
C41	0.007 µ.f.	73	5	16 F
C42	50 µ.f.	71	5	19 C
C43	8 µ.f.	19	5	
R1	100,000	16	17	24 B
R2	150,000	18	19	22 D
R3	220,000	17	24	18 G
R4	68,000	19	31	21 E
R5	1 MΩ	27	28	3 G
R6	1,000	36	37	22 H
R7	27,000	19	46	22 E
R8	47,000	21	37	19 F
R9	4,700	19	38	16 H
R11	100,000	19	52	15 F
R12	3.3 MΩ	28	56	18 D
R13	2.2 MΩ	24	54	17 D
R14	470,000	54	56	16 D
R16	470,000	56	5	15 D
R17	47,000	58	59	19 F
R18	2.2 MΩ	21	59	18 E
R19	68,000	19	66	14 D
R21	2 MΩ	61	62	17 B
R22	150,000	69	71	15 E
R23	820	62	71	20 E
R24	75	62	5	20 E
L1	1	13	17	Frame aerial
L2	11	16	17	
L3	6	22	23	2 H
L4	75	19	23	2 G
L6	3	26	28	2 H
L7	20	27	28	2 G
L8	*	32	5	23 E
L9	*	21	35	23 E
L11	7.5	33	38	8 H
L12	7.5	24	47	8 G
L13	1	39	41	5 H
L14	1	41	42	5 G
L16	1.5	43	46	5 H
L17	2	44	46	5 G
L18	7.5	19	53	11 H
L19	7.5	57	58	11 G
L21	*	77	79	23 F
T1 Prim.	190	67	5	
Sec.	750	68	69	14 E
	+650	69	74	
T2 Prim.	300	72	19	
	+300	19	72	13 F
Sec.		76	5	

All values marked '*' less than 1 ohm.

TABLE OF COMPONENTS D70

Code	Value	Test	Pts	Square
C2	25 p.f.	14	13	28 H
C3	500 p.f.	14	12	30 H
C4	Trimmer	21	5	33 G
C5	0.01 µ.f.	15	5	28 H
C6	500 p.f.	18	15	32 E
C7	10 p.f.	22	5	31 F
C8	85 p.f.	24	5	32 F
C9a	Variable	26	5	5 C
C9b	Variable	52	5	5 B
C10	0.002 µ.f.	20	7	28 E
C11	Trimmer	26	5	5 C
C12	500 p.f.	27	23	29 F
C13	0.025 µ.f.	50	34	28 E
C14	0.05 µ.f.	34	5	26 G
C16	0.1 µ.f.	28	5	23 E
C17	100 p.f.	37	33	31 E
C18	200 p.f.	40	36	28 D
C19	Trimmer	39	5	33 C
C21	Trimmer	41	5	33 B
C22	676 p.f.	49	41	31 A
C23	20 p.f.	41	5	31 B
C24	375 p.f.	51	42	31 A
C26	Trimmer	42	5	33 D
C27	260 p.f.	42	5	31 D
C28	139 p.f.	50	32	6 K
C31	150 p.f.	58	28	9 K

Code	Value	Test	Pts	Square
C32	0.025 µ.f.	45	5	24 F
C33	139 p.f.	61	31	10 K
C34	0.01 µ.f.	73	72	23 E
C37	150 p.f.	71	69	13 K
C38	75 µ.f.	81	5	22 F
C39	100 p.f.	81	71	22 G
C41	100 p.f.	81	72	21 E
C42	16 µ.f.	31	5	25 E
C43	0.005 µ.f.	82	79	20 E
C47	1 µ.f.	83	75	19 F
C48	16 µ.f.	89	5	23 C
C49	16 µ.f.	88	5	26 E
C51	0.04 µ.f.	130	89	13 E
R1	470,000	28	27	28 G
R2	5,600	50	31	25 F
R3	330	34	5	26 F
R4	22,000	36	34	27 D
R5	10,000	7	5	28 F
R6	20,000	33	31	25 D
R7	47	47	5	32 C
R8	8,200	38	2	27 E
R9	470	48	5	32 E
R10	390	45	5	24 E
R12	1 MΩ	73	5	14 A

Code	Value	Test	Pts	Square
R13	2 MΩ	71	28	23 F
R14	100,000	72	71	22 F
R16	470,000	81	72	22 E
R17	1,000	88	31	25 E
R18	47,000	79	31	20 F
R22	47,000	82	80	20 G
R23	470,000	82	5	20 E
R24	1,800	81	5	20 G
R25	25,000	88	75	22 B
R26	140	84	5	20 E
R31	47	130	129	16 E
R32	75	101	100	16 F
R33	100	102	101	15 F
R34	75	103	102	15 F
R36	336	116	103	14 F
R37	23	123	5	8 B
R38	18	123	122	9 B
L1	3	14	12	30 G
L2	*	17	15	32 G
L3	*	21	5	32 G
L4	*	18	16	32 F
L5	40	7	5	29 G
L6	25	18	15	33 F
L7	3	22	15	33 F

Code	Value	Test	Pts	Square
L8	15	24	5	33 F
L9	*	47	43	32 C
L11	*	39	5	32 C
L12	*	48	44	32 B
L13	1	41	5	32 B
L14	*	48	46	32 D
L16	1.5	42	5	32 E
L17	6	50	32	7 K
L18	6	58	53	7 J
L21	6	61	31	12 L
L22	6	71	69	12 J
L27	900	88	89	L.S.F.
L28	3	132	130	16 D
L29	3	133	5	16 D
T2 Prim.	190	88	83	5 G
T2 Sec.	*	135	15	5 G
L.S. Sp. coil	3	135	15	5 G

All values marked '*' less than 1 ohm.

TABLE OF COMPONENTS D70C and D70RG

Code	Value	Test	Pts	Square
C2	25 p.f.	14	13	-
C3	500 p.f.	14	12	30 H
C4	Trimmer	21	5	33 G
C5	0.01 µ.f.	15	5	28 H
C6	500 p.f.	18	15	32 E
C7	10 p.f.	22	5	31 F
C8	85 p.f.	24	5	32 F
C9a	Variable	26	5	5 C
C9b	Variable	52	5	5 B
C10	0.002 µ.f.	20	7	28 E
C11	Trimmer	26	5	5 C
C12	500 p.f.	27	23	29 E
C13	0.025 µ.f.	50	34	28 E
C14	0.05 µ.f.	34	5	26 G
C16	0.1 µ.f.	28	5	24 E
C17	100 p.f.	37	33	31 E
C18	200 p.f.	40	36	30 C
C19	Trimmer	39	5	33 C
C21	Trimmer	41	5	33 B
C22	676 p.f.	49	41	31 B
C23	20 p.f.	41	5	31 B
C24	375 p.f.	51	42	31 A
†C25	0.001 µ.f.	55	5	21 C
C26	Trimmer	42	5	33 D
C27	260 p.f.	42	5	31 D
C28	139 p.f.	50	32	6 K
C31	150 p.f.	58	28	9 K
C32	0.025 µ.f.	45	5	24 F
C33	139 p.f.	61	31	10 K
C34	0.01 µ.f.	73	72	23 E
†C35	0.002 µ.f.	68	5	21 H
C37	150 p.f.	71	69	13 K
C38	75 µ.f.	81	5	22 F
C39	100 p.f.	81	71	22 G
C41	100 p.f.	81	72	21 E
C42	16 µ.f.	31	5	25 E
C43	0.005 µ.f.	82	79	20 E
C45	0.6 µ.f.	86	5	24 A
C46	75 µ.f.	85	84	21 F
C47	0.08 µ.f.	87	83	19 F
C48	16 µ.f.	89	5	23 C
C49	16 µ.f.	88	5	25 E
C51	0.04 µ.f.	130	89	13 E
R1	470,000	28	27	28 G
R2	5,600	50	31	25 F
R3	330	34	5	26 F
R4	22,000	36	34	27 D
R5	10,000	7	5	28 F
R6	20,000	35	33	26 D
R7	47	47	5	32 C
R8	8,200	38	2	27 E
R9	470	48	5	32 E
R10	390	45	5	24 E
R12	1 MΩ	60	5	14 A
R13	2 MΩ	71	28	23 F
R14	100,000	72	71	22 F
R16	470,000	81	72	22 E
R17	1,000	88	31	25 F
R18	47,000	79	31	20 F
†R20	500	70	65	25 H
R22	47,000	82	80	20 G
R23	470,000	82	5	20 F
R24	1,800	81	5	22 G
R26	130	85	84	20 E
R27	15,000	105	87	19 E
R29	10,000	87	5	19 E
R31	47	130	129	16 E
R32	75	101	100	16 F
R33	100	102	101	15 F
R34	75	103	102	15 F
R36	336	116	103	14 F
R37	23	123	5	8 B
R38	18	123	122	9 B
L1	3	14	12	30 G
L2	*	17	15	32 G
L3	*	21	5	32 G
L4	*	18	16	32 F
L5	40	7	5	29 G
L6	25	18	15	33 F
L7	3	22	5	32 F
L8	15	24	5	33 F
L9	*	47	43	32 C
L11	*	39	5	32 C
L12	*	48	44	32 B
L13	1	41	5	32 B
L14	*	48	46	32 D
L16	1.5	42	5	32 E
L17	6	50	32	7 K
L18	6	58	53	7 J
L19	*	56	53	7 L
L21	6	61	31	12 L
L22	6	71	69	12 J
L24	380+15	86	5	26 A
L27	900	88	89	L.S.F.
L28	3	132	130	16 D
L29	3	133	5	16 D
†T1				
Prim.	12	70	65	24 H
Sec.	300	68	5	
T2				
Prim.	190	88	83	5 G
Sec.	*	135	15	
L.S. Sp. coil	4	135	15	

All values marked '*' less than 1 ohm.

Components labeled '†' in RG only.

TABLE OF COMPONENTS D72

Code	Value	Test	Pts	Square
C1	15 p.f.	11	14	29 H
C2	50 p.f.	13	14	28 G
C3	500 p.f.	12	14	30 H
C4	Trimmer	21	5	2 G
C5	50 p.f.	11	17	30 G
C6	500 p.f.	15	18	34 F
C7	10 p.f.	22	5	31 F
C8	85 p.f.	24	5	32 F
C9a	Variable	26	5	5 C
C9b	Variable	52	5	5 B
C10	0.01 µ.f.	15	5	29 G
C11	Trimmer	26	5	5 D
C12	500 p.f.	23	27	29 F
C14	0.05 µ.f.	34	5	26 G
C16	0.01 µ.f.	28	5	23 E
C17	100 p.f.	33	37	30 D
C18	200 p.f.	36	40	30 D
C19	Trimmer	39	5	2 C
C21	Trimmer	41	5	2 B
C22	676 p.f.	41	49	31 A
C23	20 p.f.	41	5	31 B
C24	375 p.f.	42	51	31 D
C25	0.025 µ.f.	50	5	28 E
C26	Trimmer	42	5	2 D
C27	260 p.f.	42	5	31 D
C28	139 p.f.	32	50	6 L
C29	0.08 µ.f.	59	5	24 F
C31	150 p.f.	58	54	9 L
C32	0.05 µ.f.	54	5	24 E
C33	139 p.f.	61	31	10 L
C34	0.005 µ.f.	73	62	23 H

Code	Value	Test	Pts	Square
C37	50p.f.	61	63	24 F
C39	16 µ.f.	31	5	10 E
C41	150 p.f.	71	69	13 L
C42	20 µ.f. 35v	81	5	24 H
C43	100 p.f.	71	81	22 G
C44	100 p.f.	72	81	21 E
C46	0.05 µ.f.	74	5	21 F
C47	0.025 µ.f.	79	82	20 F
C48	850 p.f.	75	83	2 F
C49	0.025 µ.f.	5	86	4 E
C50	0.04 µ.f.	89	95	13 E
C51	75 µ.f.	84	85	9 A
C52	0.08 µ.f.	83	87	19 F
C53	6 µ.f.	89	5	24C
C54	16 µ.f.	88	5	25 E
R1	470,000	27	28	29 G
R2	4,700	31	50	25 F
R3	220	34	5	27 D
R4	22,000	34	36	27 D
R5	8,200	2	38	29 E
R6	20,000	33	31	26 D
R7	47	47	5	32 B
R8	470	48	5	32 E
R9	6,800	31	59	25 F
R11	1 MΩ	54	57	24 F
R12	1 MΩ	62	64	14 A
R16	39,000 1w.	31	81	21 E
R17	100,000	71	72	22 E
R19	180,000	72	70	22D

Code	Value	Test	Pts	Square
R20	260,000	67	70	22 E
R21	56,000	67	81	22 F
R23	47,000	31	79	20 E
R24	390	81	64	21 G
R26	2,200	5	64	29 B
R28	1 MΩ	63	57	24 E
R29	470,000	57	5	24 D
R31	1.5 MΩ	74	70	21 E
R32	1 MΩ	78	31	12 A
R33	2.2 MΩ	63	28	23 E
R34	47,000	82	80	19 F
R36	150,000	82	5	19 E
R37	140 1w.	84	85	20 D
R38	100	85	5	21 D
R39	10,000	87	105	19 D
R40	1,000 1w.	31	88	26 D
R41	12,000	87	5	19 F
R42	47 2w.	95	129	16 E
R43	47 2w.	123	5	9 A
R44	18	5	131	5 A
R46	18	122	123	10 A
R47	75	100	101	16 E
R48	100	101	102	15 E
R49	75	103	102	15 E
R51	281	104	103	14 E
L1	3	14	12	30 H
L2	*	17	15	32 G
L3	*	21	5	32 G
L4	*	16	18	32 F

Code	Value	Test	Pts	Square
L6	25	15	18	33 F
L7	3	22	5	32 F
L8	15	24	5	33 F
L9	*	47	43	32 C
L11	*	5	39	32 C
L12	*	44	48	32 A
L13	1	5	41	32 B
L14	*	46	48	32 D
L16	1.5	5	42	32 E
L17	6	50	32	8 G
L18	6	53	58	8 G
L19	*	53	56	8 G
L21	6	31	61	12 G
L22	6	69	71	12 G
L23	300	75	88	4 F
L24	390 + 15	5	86	4 F
L27	900	88	89	L.S.F.
L28	3	130	132	15 F
L29	3	5	133	16 F
T2 Prim.	190	83	88	5G
Sec.	*	135	15	
L.S. Sp.coil	3			

All values marked '*' less than 1 ohm.

B69	TABLE OF VOLTAGES				B69
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TP25	Pentode Anode Pentode Screen Triode Anode	32 56 33	27 E 28 E 27 E	115 70 50
V2	Mazda VP23	Anode Screen	57 56	25 G 25 G	115 70
V3	Mazda HL23DD	Anode	64	21 G	82
V4	Mazda PEN25	Anode Screen	74 31	19 G 19 G	112 115
Total H.T. current M.W. and L.W. 10m/A. S.W. 12m/A					

B71	TABLE OF VOLTAGES				B71
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TP25	Pentode Anode Pentode Screen Triode Anode	32 56 33	27 E 28 E 27 E	115 70 50
V2	Mazda VP23	Anode Screen	57 56	25 G 25 G	115 70
V3	Mazda HL23DD	Anode	64	21 G	82
V4	Mazda QP25	Anode 1 Anode 2 Screen	69 74 31	19 G 19 G 19 G	112 112 115
Total H.T. current (with no signal) M.W. and L.W. 10m/A. S.W. 12m/A					

B81	TABLE OF VOLTAGES				B81
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda VP23	Anode Screen	22 18	22 D 22 D	94 35
V2	Mazda TP26	Pentode Anode Pentode Screen Triode Anode	33 31 34	21 G 21 H 22 G	87 60 58
V3	Mazda VP23	Anode Screen	53 52	17 E 17 E	94 42
V4	Mazda HL23DD	Anode	66	16 C	55
V5	Mazda QP25	Anode 1 Anode 2 Screen	72 73 19	16 G 16 H 16 H	93 93 94
The above readings were taken to chassis with no signal input, and with an H.T. battery reading 120 volts on load, using a 1,000 ohms per volt meter on 0-500 volt range.					

TABLE OF VOLTAGES for A70 TABLE, CONSOLE and RG					
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TH41	Hexode Anode Hexode Screen Triode Anode Triode Cathode	32 59 33 34	27 E 28 E 27 E 27 E	200 100 75 2.5
V2	Mazda VP41	Anode Screen Cathode	61 59 5	25 G 25 G 26 G	210 100 0
V3	Mazda HL42DD	Anode	79	21 G	70
V4	Mazda PEN45	Anode Screen Cathode	83 31 84	19 G 19 G 19 G	210 210 7
V5	Mazda UU6	Cathode	89	15 D	320

TABLE OF VOLTAGES for D70 TABLE, CONSOLE and RG					
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TH233	Hexode Anode Hexode Screen Triode Anode Triode Cathode	32 50 33 34	27 E 28 E 27 E 27 E	90 90 60 3.8
V2	Mazda VP133	Anode Screen Cathode	61 31 45	25 G 25 G 26 G	130 130 4
V3	Mazda HL133DD	Anode Cathode	79 81	21 G 21 G	77 2
V4	Mazda PEN383	Anode Screen Cathode	69 74 74	19 G 19 G 19 G	150 130 7
V5	Mazda U403	Cathode	89	15 C	230

A72	TABLE OF VOLTAGES				A72
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TH41	Hexode Anode Hexode Screen Triode Anode Triode Cathode	32 29 33 34	27 E 28 E 27 E 27 E	200 87 75 2.5
V2	Mazda VP41	Anode Screen Cathode	61 59 5	25 G 25 G 26 G	210 87 0
V3	Mazda HL42DD	Anode Cathode Cathode	79 81 On Push Buttons	21 G 21 G	80 1.5 19
V4	Mazda ME41	Anode 1 Anode 2 Cathode	31 78 81	12 B 13 A 12 A	210 50 1.5
V5	Mazda PEN45	Anode Screen Cathode	83 31 84	19 G 19 G 19 G	210 210 6.5
V6	Mazda UU6	Cathode	89	15 D	320

D72	TABLE OF VOLTAGES				D72
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TH233	Hexode Anode Hexode Screen Triode Anode Triode Cathode	32 29 33 34	27 E 28 E 27 E 27 E	125 80 60 2.4
V2	Mazda VP133	Anode Screen Cathode	61 59 5	25 G 25 G 26 G	135 80 0
V3	Mazda HL133DD	Anode Cathode	79 81	21 G 21 G	77 2
V4	Mazda ME91	Anode 1 Anode 2 Cathode	31 78 81	12 B 13 A 12 A	150 20 2
V5	Mazda PEN383	Anode Screen Cathode	83 31 84	19 G 19 G 19 G	150 130 7
V6	Mazda U403	Cathode	89	15 D	230

A74	TABLE OF VOLTAGES				A74
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TH41	Hexode Anode Hexode Screen Triode Anode Triode Cathode	37 33 39 41	33 D 33 E 34 E 33 D	226 75 78 2.2
V2	Mazda VP41	Anode Screen Cathode	76 63 75	32 H 32 G 32 H	226 223 3.7
V3	Mazda VP41	Anode Screen Cathode	84 83 86	29 F 29 F 29 F	190 190 2.2
V4	Mazda ME41	Anode 1 Anode 2	63 97	11 C 11 C	223 40
V5	Mazda HL42DD	Anode Cathode	105 106	27 F 27 F	80 16.5
V6	Mazda PEN45	Anode Screen Cathode	113 63 114	25 H 26 G 25 H	212 223 8.5
V7	Mazda UU6	Cathode	122	18 F	360

A76	TABLE OF VOLTAGES				A76
Valves	Type	Electrode	Test Point	Square	Voltage
V1	Mazda SP41	Anode Screen Cathode	24 16 23	35 F 35 F 35 F	105 155 1.5
V2	Mazda TH41	Hexode Anode Hexode Screen Triode Anode Triode Cathode	103 109 63 64	35 C 35 D 35 C 35 D	194 70 70 2
V3	Mazda VP41	Anode Screen Cathode	111 109 5	27 D 27 D 27 D	186 70 0
V4	Mazda HL42DD	Anode Cathode	126 124	27 H 27 H	60 15
V5	Mazda ME41	Anode 1 Anode 2 Cathode	116 119 124	5 G 6 G 5 G	20 195 15
V6	Mazda PEN45	Anode Screen Cathode	131 119 133	23 H 23 G 23 H	183 195 7
V7	Mazda UU6	Cathode	141	19 D	310

A78	TABLE OF VOLTAGES		A78
Valves	Type	Electrode	Voltage
V1	Mazda SP41	Anode Screen Cathode	95 185 2.0*
V2	Mazda VP41	Anode Screen Cathode	200 200 3.5*
V3	Mazda TH41	Hexode Anode Hexode Screen Triode Anode Cathode	215 80 90 LW & MW 70 SW 50 7m 2.5*
V4	Mazda VP41	Anode Screen Cathode	200 200 3.2*
V5	Mazda DD41	Cathode 1 Cathode 2	24* 8*
V6	Mazda VP41	Anode Screen Cathode	230 230 16*
V7	Mazda ME41	Anode Target Cathode	35 230 24*
V8	Mazda HL42DD	Triode Anode Cathode	110 37
V9	Mazda HL41	Anode Cathode	150 39.5*
V10	Mazda UU8	Cathode	370
V11	Mazda PEN44	Anode Screen Cathode	250 230 9.5*
V12	Mazda PEN44	Anode Screen Cathode	250 230 9.5*

The above readings were taken to the chassis with a meter having a resistance of 1000ohms per volt, on the 500 volt range, except the readings marked * which were on the 50 volt range.

Modifications — B69

CERTAIN minor modifications have been made to the circuit in the course of production, and full particulars of these are given in the table below.

Although we can give no guarantee to notify dealers of every alteration that is made to the receivers we do publish particulars of any important modifications, in the *Murphy News,* and when these appear they should be included at the bottom of this table.

1st SET MODIFIED		MODIFICATION	1st SET MODIFIED		MODIFICATION
B69	129722	R9 changed to 1.5 MΩ			
		R11 changed to 10 MΩ			
		R13 changed to 1.5 MΩ			
		R14 changed to 82,000 ohms			
		R22 changed to 220 ohms			
		R23 changed to 39 ohms			
		R24 changed to 430 ohms			

Modifications — 70

CERTAIN minor modifications have been made to the circuit in the course of production, and full particulars of these are given in the table below.
Although we can give no guarantee to notify dealers of every alteration that is made to the receivers we do publish particulars of any important modifications, in the *Murphy News,* and when these appear they should be included at the bottom of this table.

It should be noted that with the exception of the last entry on the table below, the changes listed have been incorporated in the diagrams and tables in this book and models with serial numbers below those quoted, will consequently be different from the published drawings in the details indicated.

1st SET MODIFIED		MODIFICATION	1st SET MODIFIED		MODIFICATION
A70	3290		A70	8319	
A70C	87063	C13 changed to 0.1 µ.f.	A70C	88351	R15. 100 ohms added
A70RG	117023		A70RG	117768	between V1 hexode
			D70	41959	anode and 1st I.F.
D70	41456		D70C	96300	transformer
D70C	96159	R5 added	D70RG	121110	
D70RG	121096				
A70	6324	R5 changed from 47,000			
A70C	87269	ohms to 22000 ohms			
A70RG	117138				

Modifications

The H.T. circuit in the earlier models was different from the published circuit in the following details:-
V1 screen was fed independently through a 27,000 ohms resistance (10,000 ohms on D72) with a 0.025 µ.f. condenser between screen and cathode.

R9 was 100,000 ohms (27,000 on D72).
C29 was 0.025 µ.f.
L17 was fed direct from H.T. line.
C25 was omitted.

1st SET MODIFIED		MODIFICATION	1st SET MODIFIED		MODIFICATION
		R21 deleted.	D72	78348	R19 changed to 100,000 ohms.
		R19 changed to 470,000 ohms.			R20 changed to 330,000 ohms.
A72	54949	C44 changed to 200 p.f.			
		22,000 resistance added be-	D72	78667	R20 deleted.
		tween test points 7 and 5.			R21 changed to 390,000 ohms.
					C34 taken to the junction of
		C34 taken to the junction of			R19 and R21.
A72RG	123457	R17 and R19.			C44 changed to 200 p.f.
		C29 changed to 0.1 µ.f.			0.002 µ.f. condenser added
					between the top contact of S1a
					and test point 7.
					A choke and a 22,000 ohms
					resistance in parallel, added
					between test points 7 and 5.