

TABLE OF COMPONENTS

B45

CODE	VALUE	SQUARE	CODE	VALUE	SQUARE	CODE	VALUE	SQUARE
C1A	Variable	18 M	R1	100,000	9 G	L1	15	10 F
C1B	"	18 N	R2	1MΩ	11 F	L2	4	10 F
C2	0.001μF	10 B	R3	100,000	8 E	L3	12	10 F
C3	0.1μF	12 G	R4	20,000	8 C	L4	4	8 C
C4	Trimmer	19 N	R5	2MΩ	4 F	L5	12	8 C
C5	0.1μF	6 F	R6	100,000	3 F	L6	1	8 B
C6	Trimmer	19 N	R8	140	1 D	L7	6	8 B
C7	8μF (175v)	6 E	R9	280	1 E	L8	5	4 D
C8	0.1μF	6 C	R10	850	2 E	L9	2	4 D
C9	100pF	7 F	R19	100,000	2 O	L10	50	4 D
C10	Differential	2 A						
C11	225pF	3 G						
C12	0.1μF	6 F	T1 Prim	300	2 F	T2 Prim	300	18 M
C13	0.002μF	3 C	T1 Sec.	1300		Sec.	_____	
C14	125pF	4 H			L.S. speech coil. 3 ohms			

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CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST	
			From	To				From	To				From	To
C1a	Variable	18 K	6	11	C42	4μF (400v.)	1 D	11	58	L3	10	13 D	4	11
C1b	Variable	18 L	11	12	C43	0.025μF (RG) 0.003μF	4 G	56	59	L4	—	13 B	9	13
C1c	Variable	18 N	11	37	C44	0.04μF	3 E	64	66	L6	4	13 D	9	14
C2	Trimmer	16 K	11	14	C46	50μF (12v.)	5 F	61	63	L7	12	13 D	9	16
C3	50pf	14 D	8	9	C47	8μF (400v.) (RG)16μF	1 D	11	72	L8	4	13 D	7	9
C4	62pf	13 C	9	16						L9	12	14 D	8	9
C6	Trimmer	18 K	6	11	R1	15,000	11 F	18	29	L11	—	13 O	27	28
C7	Trimmer	18 L	11	12	R2	33,000	10 G	20	21	L12	1.5	13 G	26	27
C8	0.1μF	12 C	9	11	R4	300	14 G	11	17	L13	—	13 G	11	33
C9	0.025μF	10 H	17	18	R6	100	10 F	22	23	L14	2.5	13 G	11	34
C11	0.05μF	11 O	11	17	R7	1,000	13 H	24	26	L16	4	13 O	11	36
C12	200pf	13 F	11	27	R8	20,000	14 F	17	27	L17	6	22 S	18	19
C13	100pf	12 D	21	32	R9	450	9 E	11	41	L18	6	22 S	9	42
C15	35pf	20 T	11	34	R10	100,000		11	43	L19	6	25 R	29	44
C16	Trimmer	16 P	11	33	R11	2 MΩ	9 C	9	57	L21	6	25 S	53	57
C17	Trimmer	16 O	11	34	R12	100,000	25 S	51	57	L24	1400	L.S. Field	29	72
C18	245pf	14 G	11	36	R13	500,000	25 S	51	52					
C19	Trimmer	16 J	11	36	R14	500	8 C	11	52	T1 prim				
C22	703pf	10 E	34	38	R16	50,000	26 L	49	54	200-213v	26		78	84
C23	386pf	10 E	36	39	R17	50,000	4 F	56	58	214-228v	28		79	84
C24	Trimmer	21 P	18	19	R18	15,000	3 F	29	58	229-244v	31	26 O	81	84
C26	125pf	22 T	18	19	R19	1 MΩ	27 L	11	46	245-260v	33		82	84
C27	134pf	22 S	9	42	R21	25,000	6 A	29	66	H.T. sec.				
C28	Trimmer	21 P	9	42	R22	50,000	5 G	59	62		210		11	73
C29	8μF (400v.)	1 D	11	29	R23	210	4 G	11	61		+240		11	74
C31	Trimmer	21 L	29	44	R24	500,000	4 G	11	59	T2 prim	140	ON	29	64
C32	125pf	25 T	29	44						T2 sec		L.S.	11	68
C33	125pf	25 S	53	57	L1	—	13 B	2	11	L.S.	2		11	71
C34	Trimmer	20 L	53	57	L2	1.25	13 D	3	11	Sp. coil				
C36	0.025μF	8 E	11	41										
C37	0.01μF	25 R	47	51										
C38	100pf	25 R	52	57										
C39	100pf	25 S	51	52										

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CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST														
			From	To				From	To				From	To													
C1a	Variable	18 K	6	11	C43	0.025μF	3 G	56	59	R34	50	27 R	89	91													
C1b	Variable	18 L	11	12		(RG) 0.003μF				R36	50		27 R	88	89												
C1c	Variable	18 N	11	37		0.1μF				4 F	64		66	R37	50	27 Q	82	88									
C2	Trimmer	16 K	11	14		50μF (12v.)				4 F	61		63	L1	—	13 B	2	10									
C3	50pf	14 D	8	9		8μF (400v.)				1 D	11		72														
C4	62pf	13 C	9	16		(RG)16μF				1 D	11		76														
C5	0.01μF	13 H	10	11		16μF (400v.)																					
C6	Trimmer	18 K	6	11		0.04μF													3 E	72	81						
C7	Trimmer	18 M	11	12		R1				6,500	11 F		18						29	L4	—	13 B	9	13			
C8	0.1μF	12 B	9	11	L6		4	13 D	9			14															
C9	0.025μF	10 H	17	18	R2		20,000	10 G	20			21								L7	12				13 D	9	16
C11	0.05μF	11 G	11	17	R4		300	14 G	11			17								L8	4				13 D	7	9
C12	200pf	13 F	11	27	R6		100	10 F	22			23		L9	12	14 d	8	9									
C13	100pf	10 F	21	32	R7		1,000	13 H	24			26		L11	—	13 G	27	28									
C15	35pf	19 T	11	34	R8		20,000	14 F	17			27		L12	1.5	13 G	26	27									
C16	Trimmer	16 P	11	33	R9		400	9 E	11			41		L13	—	13 G	11	33									
C17	Trimmer	16 O	11	34	R10		400	7 H	40			43		L14	2.5	13 G	11	34									
C18	245pf	14 G	11	36	R11	2 MΩ	8 C	9	57	L16	4	13 G	11	36													
C19	Trimmer	16 J	11	36	R12	100,000	23 S	51	57	L17	6	21 S	18	19													
C22	703pf	10 E	34	38	R13	500,000	24 S	51	52	L18	6	21 S	9	42													
C23	386pf	10 E	36	39	R14	1,500	8 B	11	52	L19	6	23 R	44	76													
C24	Trimmer	21 P	18	19	R15	50,000	12 H	40	43	L21	6	24 S	53	57													
C26	125pf	21 T	18	19	R16	50,000	25 O	49	54	L24	600	L.S. Field	72	76													
C27	134pf	21 S	9	42	R17	50,000	3 G	29	56	L27	3	27 Q	11	84													
C28	Trimmer	21 P	9	42	R18	1,000	3 G	29	76	L28	3	27 Q	81	83													
C29	16μF (400v.)	1 D	11	29	R19	1 MΩ	27 K	11	46	T1 prim	56	5 H	40	43													
C31	Trimmer	21 L	44	76	R21	25,000	6 A	66	76						T1 sec	1500	10	45									
C32	125pf	23 T	44	76	R22	50,000	5 G	59	62						T2 prim	170	26 L	64	76								
C33	125pf	23 S	53	57	R23	140	4 G	11	61											T2 sec	—	10	68				
C34	Trimmer	20 L	53	57	R24	500,000	3 G	11	59											L.S.	2	10	71				
C36	0.025μF	9 D	11	41	R27	51	22 J	11	78																		
C37	0.01μF	24 R	47	51	R29	100	26 R	74	81																		
C38	100pf	23 S	52	57	R31	314	27 R	93	94																		
C39	100pf	23 S	51	52	R32	50	27 R	92	93																		
C42	25μF (12v.)	4 B	11	52	R33	50	27 R	91	92																		
											Sp. coil																

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CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST	
			From	To				From	To				From	To
C1a	Variable	23 P	6	11	C43	0.025 μ F	5 H	56	59	L3	10	15 D	4	11
C1b	Variable	23 Q	11	12	C44	0.04 μ F	5 G	64	66	L4	—	15 F	9	13
C1c	Variable	23 R	11	37	C45	500pf	5 K	63	64	L6	4	15 D	9	14
C2	Trimmer	21 Q	11	14	C46	50 μ F (12v)	5 H	11	61	L7	12	15 D	9	16
C3	50pf	14 D	8	9	C47	16 μ F (400v)	9 F	11	72	L8	4	15 D	7	9
C4	62pf	16 E	9	16						L9	12	15 D	8	9
C6	Trimmer	22 P	6	11						L11	—	15 G	27	28
C7	Trimmer	22 Q	11	12	R1	25,000	13 H	18	29	L12	1.5	15 G	26	27
C8	0.1 μ F	16 F	9	11	R2	33,000	12 J	20	21	L13	—	15 H	11	33
C9	0.025 μ F	13 K	17	18	R3	5,000	12 K	29	31	L14	2.5	15 H	11	34
C11	0.05 μ F	15 J	11	17	R4	300	16 H	11	17	L16	4	15 H	11	36
C12	200pf	17 J	11	27	R6	100	15 G	23	28	L17	6	27 Y	19	31
C13	100pf	12 H	21	32	R7	1,000	15 H	24	26	L18	6	27 Y	9	42
C14	0.025 μ F	27 V	11	31	R8	20,000	16 G	17	27	L19	6	29 X	29	44
C16	Trimmer	20 T	11	33	R9	450	11 H	11	41	L21	6	29 Y	53	57
C17	Trimmer	20 S	11	34	R10	100,000	9 L	11	45	L22	44	8 F	48	67
C18	245pf	16 H	11	36	R11	2M Ω	9 K	9	57	L23	68	8 E	48	68
C19	Trimmer	21 R	11	36	R12	100,000	29 Y	51	57	L24	1400	L.S. Field	29	72
C22	703pf	12 G	34	38	R13	500,000	29 Y	51	52					
C23	386pf	16 F	36	39	R14	500	8 K	48	52					
C24	Trimmer	24 V	19	31	R16	50,000	30 T	49	54					
C26	125pf	27 Z	19	31	R17	50,000	5 H	56	58	T1 Prim				
C27	134pf	27 Y	9	42	R18	15,000	5 G	29	58	200-213v	26	30 Q	82	84
C28	Trimmer	24 U	9	42	R19	1M Ω	6 B	11	46	214-228v	28	31 Q	81	84
C29	8 μ F	5 D	11	29	R20	5,000	5 F	60	66	229-244v	31	31 Q	79	84
C31	Trimmer	27 V	29	44	R21	25,000	29 M	66	67	245-260v	33	32 Q	78	84
C32	125pf	29 Z	29	44	R22	50,000	5 J	59	62	H.T. Sec	230	31 Q	11	73
C33	125pf	29 Y	53	57	R23	180	5 H	11	61		+210	31 Q	11	74
C34	Trimmer	27 U	53	57	R24	500,000	6 H	11	59	T2 Prim	140	10 F	29	64
C36	0.025 μ F	8 G	11	41	R25	5,000	5 K	63	68	Sec.		10 F	68	69
C37	0.002 μ F	30 X	47	51	R26	75	8 K	11	67					
C38	100pf	29 Y	52	57						L.S.				
C39	100pf	29 Y	51	52						Sp. Coil	2		69	71
C41	0.1 μ F	7 L	48	68	L1	—	15 F	2	11	Hum-	—			
C42	4 μ F (300v)	5 B	11	58	L2	1.25	16 D	3	11	bucking				
										Coil			68	71

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CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST	
			From	To				From	To				From	To
C1a	Variable	22 P	6	11	C45	500pf	2 L	63	64	L1	—	15 F	2	10
C1b	Variable	22 Q	11	12	C46	50μF (12v.)	5 J	11	61	L2	1.25	16 D	3	10
C1c	Variable	22 S	11	37	C47	16μF (400v.)	8 F	11	72	L3	10	15 D	4	10
C2	Trimmer	21 Q	11	14	C48	16μF (400v.)	5 E	11	76	L4	—	15 F	9	13
C3	50pf	14 D	8	9	C49	0.04μF	5 F	72	81	L6	4	15 D	9	14
C4	62pf	15 E	9	16						L7	12	15 D	9	16
C5	0.01μF	15 K	10	11						L8	4	15 D	7	9
C6	Trimmer	22 P	6	11	R1	10,000	13 H	18	29	L9	12	15 D	8	9
C7	Trimmer	22 Q	11	12	R2	20,000	13 J	20	32	L11	—	15 G	27	28
C8	0.1μF	16 F	9	11	R3	5,000	12 K	29	31	L12	1.5	15 G	26	27
C9	0.025μF	11 J	17	18	R4	300	16 H	11	17	L13	—	15 H	11	33
C11	0.05μF	15 J	11	17	R6	100	15 G	23	28	L14	25	15 H	11	34
C12	200pf	16 G	11	27	R7	1,000	15 H	24	26	L16	4	15 H	11	36
C13	100pf	12 J	21	32	R8	20,000	16 G	17	27	L17	6	26 Y	19	31
C14	0.025μF	26 Y	11	31	R9	400	11 H	11	41	L18	6	26 Y	9	42
C16	Trimmer	20 T	11	33	R10	400	13 L	40	43	L19	6	29 X	29	44
C17	Trimmer	20 S	11	34	R11	2 MΩ	9 K	9	57	L21	6	29 Y	53	57
C18	245pf	16 H	11	36	R12	100,000	28 Y	51	57	L22	44	8 F	48	67
C19	Trimmer	21 R	11	36	R13	500,000	29 Y	51	52	L23	68	8 E	48	68
C22	703pf	12 G	34	38	R14	1,500	8 K	48	52	L24	900	L.S. Field	72	76
C23	386pf	13 G	36	39	R16	50,000	29 R	49	54	L26	500	31 R	29	76
C24	Trimmer	24 V	19	31	R17	50,000	4 H	29	56	L27	3	32 W	11	84
C26	125pf	26 Z	19	31	R19	1 MΩ	6 B	11	46	L28	3	32 W	81	83
C27	134pf	26 Y	9	42	R20	2,000	5 G	60	66					
C28	Trimmer	24 U	9	42	R21	25,000	29 M	66	67					
C29	16μF (400v.)	5 D	11	29	R22	50,000	30 T	59	62	T1 prim	56	9 B	40	43
C31	Trimmer	27 V	29	44	R23	140	6 J	11	61	T1 sec	1500	9 B	11	45
C32	125pf	29 Z	29	44	R24	500,000	5 H	11	59					
C33	125pf	29 Y	53	57	R25	5,000	5 H	63	68	T2 prim	170	10 F	64	76
C34	Trimmer	27 U	53	57	R26	75	8 K	11	67	T2 sec 1	—	10 F	10	73
C36	0.025μF	9 H	11	41	R27	51	26 Q	11	78	T2 sec 2	1.5	10 F	68	69
C37	0.01μF	29 X	47	51	R29	50	31 W	74	81					
C38	100pf	29 Y	52	57	R31	314	32 X	93	94	L.S.				
C39	100pf	29 Y	51	52	R32	50	32 X	92	93	Sp. coil	2		10	71
C41	0.1μF	7 H	48	68	R33	50	32 X	91	92	Hum-				
C42	25μF (12v)	8 K	48	52	R34	50	32 X	89	91	bucking	—		71	73
C43	0.025μF	5 H	56	59	R36	50	32 W	88	89	coil				
C44	0.04μF	5 G	64	66	R37	50	32 W	82	88					

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CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	
		From	To				From	To				From	To				From	To		
C1a	Variable	11	13	29 M	C48	0.025μF	11	66	7 J	R22	1 MΩ	76	65	8 J	L9	16	16	21	12 F	
C1b	Variable	11	33	29 N	C49	0.1μF	11	69	6 E	R23	100,000	77	88	5 C	L10	—	24	11	11 D	
C1c	Variable	11	56	29 P	C51	Trimmer	67	69	34 R	R24	300,000	74	79	36 W	L11	—	26	19	12 E	
C2	10pf	8	11	12 A	C52	100pf	67	69	36 V	R25*	1 MΩ	78	79	7 F	L12	4	27	29	12 E	
C3	Trimmer	9	11	27 M	C53	125pf	74	80	36 U	R26	300,000	79	99	36 W	L13	12	28	29	12 F	
C4	Trimmer	11	12	27 M	C54	Trimmer	74	80	33 R	R27	1.5 MΩ	79	83	5 G	L14	0.2	29	31	15 A	
C6	30pf	11	12	22 V	C55	50pf	67	85	35 V	R28	1 MΩ	81	82	32 N	L16	3	31	32	15 A	
C7	Trimmer	11	13	30 M	C56	0.05μF	76	99	5 H	R29	1 MΩ	91	92	35 L	L17	—	40	45	8 H	
C8	0.1μF	11	16	15 E	C57	100pf	74	99	5 G	R31	1MΩ	94	64	36 W	L18	—	42	46	7 H	
C9	0.025μF	11	18	16 D	C58	0.05μF	83	99	6 F	R32	800,000	85	94	36 W	L19	2	44	46	7 H	
C11	0.1μF	11	19	15 E	C59	0.003μF	89	91	3 J	R33	800,000	11	94	36 W	L21	—	48	11	8 G	
C12	20pf	2	24	10 C	C60	T 500pf	87	88	4 C	R34	2MΩ	85	96	36 V	L22	—	49	11	7 G	
C13	20pf	21	20	13 F		C 0.001μF				R36	2,500	81	102	5 E	L23	2.5	51	11	7 G	
C14	30pf	21	16	12 F	C61	8μF	102	11	17 F	R37	50,000	102	101	4 E	L24	4	52	11	7 G	
C15	0.002μF	25	28	9 C	C62	2μF	101	106	4 E	R38	40,000 1w	99	102	4 E	L25	—	61	62	29 V	
C16	0.001μF	16	22	9 D	C63	20μF (35v)	11	98	7 B	R39	100	99	86	6 B	L26	5	36	59	29 V	
C17	Trimmer	11	27	27 P	C64	0.6μF	103	104	7 D	R41	25	86	98	6 B	L27	5	61	68	29 W	
C18	Trimmer	11	28	27 Q	C65	200pf	11	109	3 H	R42	100	98	97	6 C	L28	5	67	69	36 V	
C19	20pf	11	28	25 V	C66	75μF (12v)	11	108	3 E		T 35				L29	5	80	71	36 W	
C21	0.1μF	11	32	15 F	C67	0.04μF	112	81	2 B	R43	C 150		92	97	6 C	L31	—	72	71	36 V
C22	Trimmer	11	33	30 O	C68	0.002μF	111	113	36 O	R44	500		92	93	7 C	L32	—	71	73	36 W
C23	0.025μF	34	37	12 H	C69	8μF	11	116	17 F	R46	1,300		11	93	10 F	L33	122	116	118	17 B
C24	50pf	37	45	8 H	C70	16μF	11	81	17 G	R47	150		103	99	6 A	L34	T 630			
C26	200pf	37	46	7 H	C71	8μF	11	118	14 C	R48	83		86	105	5 B		C 900			
C27	0.05μF	11	37	12 J						R49	250		104	103	7 B	L36	T 250	104	114	36 P
C28	0.01μF	11	37	10 H							T 500		104	107	3 A		C 250	139	137	
C29	0.01μF	11	96	5 F	R1	20,000	6	11	9 A	R51	C 5,000		139	140		L37	250	113	86	36 P
C31	Trimmer	11	48	32 Q	R2	50	7	11	8 B	R52	50,000		106	109	4 G	L38	C 10	140	139	34 P
C32	Trimmer	11	51	31 S	R3	200	18	11	13 D	R53	100,000		11	106	4 F					
C33	Trimmer	11	52	31 R	R4	25,000	19	32	16 F	R54	4,000 1w		111	112	2 E					
C34	220pf	11	52	8 G	R6	200	11	37	12 J	R56	114 1w		11	108	2 G					
C36	Trimmer	11	56	30 P	R7	20,000	37	39	11 G	R57	60		114	138						
C37	30pf	48	58	9 D	R8	5,000 ½w	16	81	15 E											
C38	703pf	51	57	9 E	R9	25,000 1w	34	81	13 J											
C39	386pf	52	54	9 F	R11	33,000 ½w	38	81	10 H	* Delete on Console										
C40	100pf	38	47	10 G	R12	5,000	59	81	13 J	L1	—	3	11	12 B	T1 Prim					
C41	0.025μF	11	59	12 H	R13	100	41	42	9 F	L2	1.5	4	11	13 B	200—213v	18	132	128		
C42	Trimmer	36	59	29 T	R14	1,000	43	44	9 G	L3	10	6	11	12 B	214—228V	20	132	127		
C43	125pf	36	59	29 V	R16	28	62	63	29 W	L4	—	8	11	12 B	229—244V	22	132	126	23 P	
C44	125pf	64	68	29 U	R17	300	66	11	7 J	L6	4	9	14	12 B	245—260V	24	132	124		
C46	Trimmer	64	68	30 S	R19	25,000	32	96	15 G	L7	12	12	14	12 B	H.T.Sec.	125	11	119		
C47	0.05μF	64	66	9 J	R21	2,000	69	81	6 E	L8	—	16	23	12 E	+135	11	121			
															T2 Prim	130	81	111	36 N	
															L.S.	T 5				
															Sp. Coil	C 2	114	86		

TABLE OF COMPONENTS

A52

CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE
		From	To				From	To				From	To				From	To	
C1a	Variable	11	13	30 G	C51	0.01μF	57	76	5 G	R22	20,000	29	46	10 E	L7	12	8	12	8 G
C1b	Variable	11	22	30 E	C52	0.025μF	11	74	5 H	R23	10	44	46	16 B	L8	—	16	17	16 E
C1c	Variable	11	39	30 D	C53	0.025μF	11	76	4 C	R24	10	11	54	8 D	L9	15	17	81	15 E
C2	10pf	6	11	7 H	C54	100pf	74	75	40 M	R26	2,000	53	81	11 C	L11	—	11	23	15 D
C3	Trimmer	9	11	34 F	C55	Trimmer	74	75	35 J	R27	25,000 1w	61	81	5 B	L12	4	27	26	15 D
C4	30pf	8	11	38 M	C56	Trimmer	80	82	36 H	R28	10,000	59	72	6 E	L13	12	27	21	15 E
C6	Trimmer	8	11	34 G	C57	125pf	80	82	40 M	R29	150	63	64	38 C	L14	—	43	44	15 B
C7	Trimmer	11	13	30 F	C58	200pf	79	86	40 P	R31	1,000	11	64	2 K	L16	1.5	46	47	9 D
C8	0.1μF	11	12	7 G	C59	50pf	75	78	39 M	R32	20,000	63	65	38 D	L17	2.5	47	48	9 D
C9	0.025μF	14	18	14 G	C61	0.01μF	11	87	6 G	R33	33,000 1w	68	71	4 C	L18	—	49	50	15 B
C11	0.025μF	18	19	14 H	C62	0.01μF	11	73	4 C	R34	5,000	27	87	12 E	L19	2.5	41	53	9 D
C12	Trimmer	26	11	27 D	C63	200pF	82	83	40 N	R36	300	11	76	3 B	L21	4	42	53	9 D
C13	20pf	21	11	32 M	C64	100pF	82	84	40 M	R37	1MΩ	57	77	39 N	L22	1.5	32	37	7 E
C14	Trimmer	21	11	27 E	C66	0.025μF	96	97	3 F	R38	1.5MΩ	77	78	39 N	L23	1.5	58	59	7 E
C16	0.015μF	72	11	13 E	C67	0.005μF	89	91	3 A	R39	500,000	11	77	39 N	L24	5	37	38	7 E
C17	Trimmer	11	22	30 G	C68	25μF (12v)	94	96	4 E	R41	2 MΩ	87	78	7 H	L26	5	56	57	7 E
C18	0.025μF	28	29	10 E	C69	0.1μF	11	92	2 C	R42	20,000	81	74	5 C	L27	1	65	67	38 C
C19	0.05μF	11	29	9 G	C71	0.05μF	99	102	4 B	R43	1.5MΩ	80	86	5 E	L28	1	66	68	39 C
C21	0.05μF	11	37	6 F	C72	4μF	11	101	19 E	R44	1.5MΩ	83	86	5 D	L29	1.5	74	75	40 N
C22	200pf	48	50	15 C	C73	8μF	11	81	19 F	R46	1MΩ	73	83	5 D		+3.5			
C23	Trimmer	33	37	33 A	C74	0.04μF	106	107	6 B	R47	2MΩ	84	97	4 G	L31	2.5	80	82	40 M
C24	100pf	34	36	9 E	C76	0.1μF	94	109	3 C	R48	500,000	84	88	40 M		+2.5			
C26	0.001μF	11	50	13 C	C77	8μF	11	112	19 F	R49	1MΩ	91	92	3 B	L32	4	108	109	37 E
C27	Trimmer	11	49	38 D	C78	8μF	11	113	19 F	R51	500,000	88	96	40 N	L33	250	81	112	L.S.F
C28	Trimmer	41	11	32 C						R52	1MΩ	81	98	22 B	L34	550	112	113	25 F
C29	200pf	42	11	34 M						R53	15,000	81	101	5 B					
C31	Trimmer	42	11	32 D	R1	20,000	4	11	10 H	R54	50,000	99	101	5 B					
C32	703pf	11	51	12 C	R2	10	7	9	8 F	R56	500	94	96	3 D	T1 Prim				
C33	386pf	42	52	10 C	R3	100,000	8	12	8 G	R57	10	92	94	2 C	200—213v	16	179	188	
C34	0.05μF	53	54	8 D	R4	10,000	12	19	13 G	R58	9,000	11	92	2 C	214—228V	17.5	179	187	
C36	0.01μF	54	59	7 D	R6	10	13	15	28 G	R59	100,000	11	102	4 H	229—244V	19	179	186	
C37	100pf	37	38	8 F	R7	20,000	14	81	15 G	R61	50,000	102	103	4 J	245—260V	20.5	179	184	23 G
C38	Trimmer	37	38	8 F	R8	300	18	19	13 G	R62	180 ½w	11	104	3 H	H.T.Sec.	115	11	114	
C39	Trimmer	32	38	7 F	R9	2,000	11	19	14 K	R63	25,000	81	107	7 A		+125	11	116	
C41	125pf	56	57	36 M	R11	1,000	17	81	16 E	R64	1,000	102	121	16 F					
C42	Trimmer	56	57	34 E	R12	10	24	26	11 F						T2 Prim	325	81	111	
C43	Trimmer	58	59	34 D	R13	40,000	21	27	15 E						Sec.	—	92	108	36 B
C44	0.025μF	61	63	3 E	R14	25,000	28	81	13 E	L1	—	2	11	7 G					
C46	0.025μF	11	63	3 E	R16	33,000 1w	34	81	8 E	L2	1.5	3	11	7 G	L.S.	2	92	108	
C47	300pf	63	65	38 D	R17	5,000	37	81	8 E	L3	10	4	11	7 G	Sp. Coil				
C48	0.002μF	63	68	38 B	R19	200	11	29	9 G	L4	—	6	11	8 G					
C49	200pf	66	68	39 B	R21	2,000	46	48	11 E	L6	4	9	12	7 G					

TABLE OF COMPONENTS

TELEVISION CIRCUIT

CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE	CODE	VALUE	TEST		SQUARE
		From	To				From	To				From	To				From	To	
C1	Trimmer	4	11	3 A	C63	75μF (12v)	11	119	14 M	R46	400	11	67	4 C	R106	1,000	11	104	13 A
C2	0.002μF	5	11	2 C	C64	0.1μF	119	126	11 S	R47	2,000 ½w	3	68	4 C	R107	25,000	147	52	45 C
C3	Trimmer	5	6	3 D	C66	0.2μF	127	128	11 N	R48	2 MΩ	19	72	8 D	R108	5 MΩ	11	153	42 D
C4	Trimmer	9	11	3 E	C67	8μF	131	132	8 L	R49	250,000	73	76	8 C	R109	5 MΩ	153	152	43 D
C6	0.002μF	8	11	2 C	C68	4μF	131	132	8 M	R51	9,000	72	73	8 C	R111	5 MΩ	152	151	43 D
C7	0.002μF	12	13	5 F	C69	16μF	99	11	8 G	*R52	500,000	11	74	73 D	R112	5 MΩ	151	150	44 D
C8	Trimmer	14	16	6 D	C71	16μF	99	11	8 G	R53	33,000 ½w	78	79	9 C	R113	5 MΩ	150	149	44 D
C9	Trimmer	18	19	6 D	C72	8μF	11	154	34 E	R54	9,000	3	79	9 C					
C10	0.05μF	11	14	7 E	C73	8μF	11	154	34 D	R56	500,000	11	81	9 D	L1	—	4	11	17 S
C11	0.002μF	11	21	1 F	C74	16μF	11	157	31 B	R57	33,000 ½w	81	86	10 A	L2	—	5	6	17 P
C12	0.002μF	11	13	5 G	C75	16μF	11	157	31 B	R58	180 ½w	11	82	11 C	L3	—	9	11	17 P
C13	50pF	26	27	1 E	C77	100μF (40v)	157	158	38 A	R59	4,000 1w	3	84	11 C	L4	5	11	23	3 G
C14	25pF	11	27	2 E	C78	0.1μF (5000v)	11	147	36 E	R61	2,000	11	76	10 C	L6	6.5	16	17	3 G
C16	25pF	11	22	4 F						R62	2,000	76	87	10 C	L7	7.5	14	16	20 P
C17	0.002μF	11	28	2 H	R1	140	7	8	1 C	R63	1 MΩ	11	91	6 R	L8	6.5	18	19	20 P
C19	0.002μF	31	32	2 H	R2	1,000	2	11	1 B	R64	20,000	89	91	6 Q	L9	—	22	27	2 E
C21	0.002μF	11	32	1 G	R3	3,200	5	6	16 P	R66	20,000	91	92	6 Q	L11	1	31	32	2 G
C22	0.05μF	11	33	2 K	R4	70,000 1w	2	3	1 C	R67	20,000	92	93	5 Q	L12	6.5	28	29	3 K
C23	0.002μF	11	36	2 L	R6	2,000 ½w	3	5	2 C	R68	20,000	11	94	6 R	L13	5	11	34	3 K
C24	0.002μF	11	38	1 L	R7	200	11	13	2 F	R69	50,000	94	96	13 E	L14	6.5	36	37	3 N
C26	0.002μF	11	41	2 P	R8	3,200	16	17	3 F	R71	100,000	98	99	67 D	L16	5	11	39	3 N
C27	0.002μF	11	43	2 N	R9	3,200	23	11	3 H	R72	70,000 1w	97	98	13 F	L17	6.5	41	42	3 Q
C28	16μF	3	11	7 L	R10	15,000 1w	3	12	5 E	R73	250	97	100	13 H	L18	7	44	46	3 R
C29	16μF	11	48	7 M	R11	5,000	3	14	20 P	R74	250,000	101	100	12 H	L19	200	53	56	20 K
C30	0.05μF	3	11	5 R	R12	50,000	13	26	1 E	R76	500,000	102	106	11 F	L21	6.5	11	59	22 J
C31	0.0003μF	11	51	8 S	R13	33,000 ½w	21	22	1 F	R77	500	102	109	10 E	L22	5.5	11	57	22 J
C32	0.05μF	11	63	11 K	R14	5,000	3	21	1 F	R78	200	11	106	66 B	L23	7.5	68	69	20 R
C33	0.05μF	11	19	7 C	R16	140	32	33	1 G	R79	114 1w	106	107	11 G	L24	7.5	71	72	20 S
C34	0.05μF	11	67	4 D	R17	3,200	28	29	3 J	R81	10,000 1w	99	108	11 F	†L25	500	3	90	—
C36	0.05μF	67	68	4 D	R18	3,200	11	34	3 L	R82	500 2w	112	113	13 K	*L26	950	3	53	L.S.F.
C37	Trimmer	68	69	5 B	R19	2,000 ½w	3	28	4 K	R83	500	11	113	67 B	L27	40	154	157	38 D
C38	Trimmer	71	72	6 A	R21	2,000	11	33	73 B	R84	150,000	11	114	5 P	L28	100	158	159	40 D
C39	50pF	72	76	7 C	R22	140	33	38	1 L	R86	20,000	114	116	14 Q					
C41	0.01μF	73	74	8 C	R23	70,000 1w	3	33	4 N	R87	100,000	99	118	66 D	T1 Prim.	160	3	83	
C42	0.025μF	76	11	7 C	R24	3,200	36	37	3 M	R88	70,000 1w	117	118	12 P	Sec.	—	11	87	27 S
C43	0.05μF	78	81	9 C	R26	3,200	39	11	3 N	R89	200	117	121	11 P	T2 Prim.	52	99	111	
C44	3μF	11	79	9 D	R27	2,000 ½w	3	36	4 M	R91	150,000	121	122	11 P	Sec.	—	11	57	13 G
C46	0.04μF	83	84	10 C	R28	140	11	43	1 P	R92	5,000	122	127	11 N	T3 Prim.	400	56	130	
C47	75μF (12v)	11	82	11 A	R29	3,200	41	42	3 Q	R93	5,000	124	127	11 N	Sec.	—	11	59	27 G
C48	2μF	11	91	2 S	R31	2,000 ½w	3	41	3 Q	R94	40,000	124	126	11 P	T4 Prim.				
C49	0.0015μF	11	93	5 Q	R32	3,200	46	47	19 D	†R95	725	90	53	8 P	200—213v	4.5	137	138	
C51	50pF	89	94	7 Q	R33	2,000 1w	11	46	7 R	R96	1 MΩ	128	133	10 P	214—228v	4.75	137	139	
C52	0.002μF	100	103	13 F	R34	50	46	51	6 R	R97	500	128	129	12 Q	229—244v	5.0	137	141	49 D
C53	0.005μF	103	104	14 G	R36	5,200 2w	48	49	5 S	R98	500	11	133	64 B	245—260v	5.25	137	142	
C54	0.2μF	11	104	13 D	R37	1,000 ½w	3	48	8 R	R99	210 ½w	132	133	10 P	H.T. Sec.	35	11	143	
C56	0.0015μF	101	103	12 G	R38	1,000	53	54	70 D	R100	25,000 1w	99	131	12 R		+37	11	144	
C57	0.01μF	101	102	12 F	R39	500 2w	54	56	11 K	R101	15,000	130	56	26 G	T6 Prim.				
C58	0.1μF	107	108	10 E	R41	5 MΩ	62	63	12 J	R102	1,000	11	119	12 A	240v	42	137	142	56 D
C59	0.02μF	57	112	12 L	R42	10,000	63	64	11 K	R103	35,000 3w	119	99	13 P	H.T. Sec.	2,300	11	146	
C61	0.01μF	93	114	5 Q	R43	25,000 1w	11	66	13 K	R104	35,000 3w	99	104	13 N					
C62	0.5μF	119	121	12 S	R44	10,000	48	66	70 B	R105	500 2w	130		11 R					

*Delete in A58V

†Delete in A56V

TABLE OF COMPONENTS

RADIO CIRCUIT (A58V)

CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST		CODE	VALUE	SQUARE	TEST	
			From	To				From	To				From	To
C1a	Variable	18 K	6	11	C42	4 μ F (400v.)	1 D	11	58	L3	10	13 D	4	11
C1b	Variable	18 L	11	12	C43	0.025 μ F	4 G	56	59	L4	—	13 B	9	13
C1c	Variable	18 N	11	37	C44	0.04 μ F	3 E	64	66	L6	4	13 D	9	14
C2	Trimmer	16 K	11	14	C46	50 μ F (12v.)	5 F	61	63	L7	12	13 D	9	16
C3	50pf	14 D	8	9	C47	16 μ F (400v.)	1 D	11	72	L8	4	13 D	7	9
C4	62pf	13 C	9	16						L9	12	14 D	8	9
C6	Trimmer	18 K	6	11						L11	—	13 O	27	28
C7	Trimmer	18 L	11	12						L12	1.5	13 G	26	27
C8	0.1 μ F	12 C	9	11						L13	—	13 G	11	33
C9	0.025 μ F	10 H	17	18	R1	15,000	11 F	18	29	L14	2.5	13 G	11	34
C11	0.05 μ F	11 O	11	17	R2	33,000	10 G	20	21	L16	4	13 O	11	36
C12	200pf	13 F	11	27	R4	300	14 G	11	17	L17	6	22 S	18	19
C13	100pf	12 D	21	32	R6	100	10 F	22	23	L18	6	22 S	9	42
C15	35pf	20 T	11	34	R7	1,000	13 H	24	26	L19	6	25 R	29	44
C16	Trimmer	16 P	11	33	R8	20,000	14 F	17	27	L21	6	25 S	53	57
C17	Trimmer	16 O	11	34	R9	450	9 E	11	41	L24	1400	L.S. Field	29	72
C18	245pf	14 G	11	36	R10	100,000		11	43					
C19	Trimmer	16 J	11	36	R11	2 M Ω	9 C	9	57					
C22	703pf	10 E	34	38	R12	100,000	25 S	51	57	T1 Prim.				
C23	386pf	10 E	36	39	R13	500,000	25 S	51	52	200-213v	26		78	84
C24	Trimmer	21 P	18	19	R14	500	8 C	11	52	214-228v	28		79	84
C26	125pf	22 T	18	19	R16	50,000	26 L	49	54	229-244v	31		81	84
C27	134pf	22 S	9	42	R17	50,000	4 F	56	58	245-260v	33	26 O	82	84
C28	Trimmer	21 P	9	42	R18	15,000	3 F	29	58	H.T. Sec.				
C29	8 μ F (400v.)	1 D	11	29	R19	1 M Ω	27 L	11	46		210		11	73
C31	Trimmer	21 L	29	44	R21	25,000	27 L	29	66		+240		11	74
C32	125pf	25 T	29	44	R22	50,000	5 G	59	62					
C33	125pf	25 S	53	57	R23	210	4 G	11	61					
C34	Trimmer	20 L	53	57	R24	500,000	4 G	11	59	T2 Prim.	140	ON	29	64
C36	0.025 μ F	8 E	11	41						T2 Sec.		L.S.	11	68
C37	0.01 μ F	25 R	47	51										
C38	100pf	25 R	52	57	L1	—	13 B	2	11	L.S.	2		11	71
C39	100pf	25 S	51	52	L2	1.25	13 D	3	11	Sp. coil				

TABLE OF VOLTAGES

B45

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE
V1	Mazda VP22	Anode (V/C Max)	7	7 F	62	V2	Mazda HL2 or HL22	Anode	16	4 F	42
		(V/CMin)			95						
		Screen (V/C Max)	8	7 F	50	V3	Mazda Pen24	Anode	26	2 C	110
		(V/C Min)			78			Screen	11	3 C	108
H.T. negative			29	2 E	-10	H.T. current			7m/A		

TABLE OF VOLTAGES

B47

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE		
V1	Mazda TP23	Pentode Anode	19	13 J	111	V3	Mazda L22DD	Anode	56	7 G	65		
		Pentode Screen	18	13 H	65			V4	Mazda QP230	Anode 1	66	6 K	111
		Triode Anode	21	12 J	S.W. 90 M.W. 60 L.W. 70					Anode2	67	6 J	111
V2	Mazda VP22	Anode	44	9 H	111		H.T. negative	Screen	29	6 K	111		
		Screen	18	9 H	65					73	4 G	-9	
Total H.T. current (with no signal) M.W. and L.W. 8.5 m/A S.W. 12 m/A													

TABLE OF VOLTAGES

A46

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	
V1	Mazda AC/TH1	Hexode Anode	19	10 G	110	V3	Mazda HL41DD	Anode	56	6 C	85	
		Hexode Screen	18	11 F	90			Cathode	52	6 C	1	
		Triode Anode	21	10 G	S.W. 60 M.W. 70	V4	Mazda AC/5Pen	Anode	64	6 H	220	
		Cathode	17	11 G	L.W. 80 3.5			Screen	29	6 G	230	
V2	Mazda AC/VP2	Anode		8 E	230	V5	Mazda UUU4 (or UUU6)	Cathode	72	6 E	315	
		Screen	29	8 E	230							
		Cathode	41	8 E	4			L.S. Field			29-72	27 O

TABLE OF VOLTAGES

D46

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE
V1	Mazda TH2321	Hexode Anode	19	10 G	100	V3	Mazda HL.133.DD	Anode	56	6 C	80
		Hexode Screen	18	11 F	100			Cathode	52	6 D	2
		Triode Anode	21	10 G	S.W. 60 M.W. 80	V4	Mazda Pen3820	Anode	64	6 H	175
		Cathode	17	11 G	L.W. 85 4			Screen	29	6 G	160
V2	Mazda VP133	Anode	44	5 E	180	V5	Mazda U4020	Cathode	61	6 G	10
		Screen	29	5 E	160			Cathode	72	36 E	230
		Cathode	41	9 E	5			L.S. Field			72-76

TABLE OF VOLTAGES

A48

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE
V1	Mazda AC/TH1	Hexode Anode	19	13 J	195	V3	Mazda AC/HLDD or HL.41.DD	Anode	56	8 G	90
		Hexode Screen	18	13 H	95			Cathode	52	7 H	1
		Triode Anode	21	13 J	S.W. 70 M.W. 75 L.W. 80	V4	Mazda AC/5Pen	Anode	64	6 K	210
		Cathode	17	13 J	4			Screen	29	6 J	215
V2	Mazda AC/VP2	Anode	44	9 J	215	V5	Mazda UU4	Cathode	61	6 K	7.5
		Screen	29	10 J	215			Cathode	72	3 G	310
		Cathode	41	10 H	4			L.S. Field			29-72

TABLE OF VOLTAGES

D48

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE
V1	Mazda TH2320 or TH2321	Hexode Anode	19	13 J	115	V3	Mazda HL/DD1320 or HL.133.DD	Anode	56	8 G	80
		Hexode Screen	18	13 H	100			Cathode	52	7 H	1.5
		Triode Anode	21	13 J	S.W. 45 M.W. 55 L.W. 60	V4	Mazda PenDD4021 or Pen3820	Anode	64	6 J	150
		Cathode	17	13 J	4			Screen	29	6 K	140
V2	Mazda VP1322 or VP133	Anode	44	9 J	140	V5	Mazda U4020	Cathode	61	6 K	6
		Screen	29	10 J	140			Cathode	72	3 G	230
		Cathode	41	10 H	2			L.S. Field			72-76

TABLE OF VOLTAGES

A50

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE
V1	Mazda AC/VP2	Anode	17	13 D	170	V4	Mazda ME41	Triode Anode	82	32 M	20
		Screen	16	13 D	170			Cathode	99	32 M	14
		Cathode	18	13 D	1.6			Screen	81	33 M	220
V2	Mazda AC/TH1	Hexode Anode	36	10 H	200	V5	Mazda HL41DD	Anode	101	3 J	95
		Hexode Screen	34	11 G	85			Cathode	99	3 J	14
		Triode Anode	38	10 G	60	V6	Mazda AC/4Pen	Anode	111	3 G	210
		Triode Cathode	37	11 H	2.1			Screen	81	3 H	220
V3	Mazda AC/VP2	Anode	67	6 J	200	V7	Mazda UU4	Cathode	108	2 G	7
		Screen	81	6 J	220			Cathode	118	17 J	300
		Cathode	66	7 J	3			Loudspeaker Field			116-81

TABLE OF VOLTAGES

D50

VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE	VALVE	TYPE	ELECTRODE	TEST POINT	SQUARE	VOLTAGE
V1	Mazda VP133	Anode	17	13 D	100	V4	Mazda ME91	Triode Anode	82	33 M	30
		Screen	16	13 D	100			Cathode	99	33 N	21
		Cathode	18	13 D	1.4			Screen	116	33 M	160
V2	Mazda TH2321	Hexode Anode	36	10 H	125	V5	Mazda HL133DD	Anode	101	4 J	100
		Hexode Screen	34	11 G	80			Cathode	99	4 J	21
		Triode Anode	38	10 G	50	V6	Mazda Pen3820	Anode	111	3 G	160
		Triode Cathode	37	11 H	2.4			Screen	81	3 H	140
V3	Mazda VP133	Anode	67	6 J	120	V7	Mazda U4020	Cathode	108	2 G	6.5
		Screen	81	7 H	140			Cathode	118	17 J	180
		Cathode	66	6 J	2.2			Loudspeaker Field			116-99

The voltage tables should be taken as a guide; considerable variations may occur without affecting the efficiency of the receiver. The readings were taken to chassis unless otherwise stated using a 0-50V. and 0-500V. 1,000 ohms-per-volt meter, with the receivers working on 230 volts A.C. and switched to M.W. (unless otherwise stated). Signals which are sufficiently powerful to operate the A.V.C. circuit will cause a variation in the voltage at points where A.V.C. is applied.

TABLE OF VOLTAGES					A52
Valve	Type	Electrode	Test Point	Square	Voltage
V1	SP41	Anode	16	15 G	245
		Screen	14	15 G	210
		Cathode (R9 Max.)	18	15 G	18
		Cathode (R9 Min.)	18	15 G	2.2
V2	AC/TH1	Hexode Anode	31	9 F	220
		Hexode Screen	28	9 F	95
		Triode Anode	34	10 F	80
		Cathode	29	9 F	2.5
V3	AC/TH1	Hexode Anode	62	2 E	220
		Hexode Anode S.W.	62	2 E	200
		Hexode Screen	61	3 F	105
		Hexode Screen S.W.	61	3 E	85
		Triode Anode	66	2 E	—
		Triode Anode S.W.	66	2 E	85
		Cathode	63	2 F	2
V4	AC/VP2	Anode	75	5 G	225
		Screen	74	5 F	225
		Cathode	76	5 F	3
V5	HL41DD	Anode	99	3 G	110
		Cathode	96	3 G	25
V6	AC/5Pen	Anode	106	3 H	240
		Screen	81	3 J	245
		Cathode	104	3 J	8.5
V8	ME41	Anode	81	22 C	245
		Triode Anode	98	22 C	40
		Cathode	96	22 C	25
V9	UU4	Cathode	113	17 E	310

TABLE OF VOLTAGES			TELEVISION CIRCUIT		
Valve	Type	Electrode	Test Points	Square	Voltage
V1	SP4I	Anode	6	2 C	200
		Screen	4	2 C	200
		Cathode Max. bias	8	2 C	4
		Cathode Min. bias	8	2 C	1.5
V2	AC/THI	Hexode Anode	17	4 F	210
		Hexode Screen	12	5 E	105
		Triode Anode	22	4 F	40
		Cathode	13	5 F	3
V3	SP4I	Anode	29	2 H	200
		Screen	28	2 H	200
		Cathode	31	2 J	1.5
		Cathode Min. contrast	31	2 J	7
V4	SP4I	Anode	37	2 L	200
		Screen	36	2 L	200
		Cathode	38	2 M	1.5
		Cathode Min. contrast	38	2 M	7
V5	SP4I	Anode	42	2 P	200
		Screen	41	2 P	200
		Cathode	43	2 P	1.5
V7	SP4I	Anode	49	5 S	140
		Screen	3	5 S	220
		Cathode	51	6 S	34
V8	VP4I	Anode	69	4 C	200
		Screen	68	4 C	200
		Cathode	67	4 C	4.5
V9	HL4IDD	Anode	78	8 A	110
		Cathode	76	8 B	2.5
V10	AC5PEN	Anode	83	11 B	210
		Screen	3	10 A	220
		Cathode	82	10 A	6.5
V11	DD4I	Anodes	51	9 R	34
		Cathode 1	89	10 R	33.5
		Cathode 2	92	10 R	33.5
All the above voltages are measured with the contrast control at maximum and aerial disconnected except where stated.					
V12	T4I	Anode Max. bias	97	13 E	140
		Anode Min. bias	97	13 E	30
		Cathode Max. bias	104	13 E	10
		Cathode Min. bias	104	13 E	0
V13	AC6PEN	Anode (See Note*)	111	10 D	—
		Screen	108	10 E	190 or 210
		Cathode Max. amplitude	107	11 E	4.5 or 6
		Cathode Min. amplitude	107	11 E	20 or 22
* Owing to the high peak volts (2000-3000) on the anode of V13 the voltage cannot be easily measured unless the bias on V12 is reduced to zero. The voltage on the anode of V13 will then be about 320-330.					
V14	T4I	Anode Max. bias	117	13 R	140
		Anode Min. bias	117	13 R	30
		Cathode Max. bias	119	13 R	10
		Cathode Min. bias	119	13 R	0
V15	AC5PEN	Anode	130	11 R	300
		Screen	131	12 R	250 or 190
		Cathode Max. amplitude	132	11 R	9 or 8
		Cathode Min. amplitude	132	11 R	32 or 25

TABLE OF VOLTAGES (Cont.)			TELEVISION CIRCUIT		
Valve	Type	Electrode	Test Points	Square	Voltage
V16	UU4	Cathode	156	37 A	345 or 370
V17	UU4	Cathode	156	37 A	345 or 370
V18	U21	Cathode	148	45 E	4700
This voltage can only be measured accurately with an electrostatic voltmeter or a 20,000 ohms-per-volt meter.					
CR Tube	CRM91	Cathode Max. brightness	62		150
		Cathode Min. brightness	62		205
		Grid	49		140
Measured under no signal conditions, with the U21 (V18) removed to prevent damage to tube when on Max. brightness					
L.S. field Magnetic Lens			140		125 23 to 31

TABLE OF VOLTAGES			RADIO CIRCUIT		
V1	AC/TH1	Hexode Anode	19	10 G	110
		Hexode Screen	18	11 F	90
		Triode Anode	21	10 G	S.W. 60 M.W. 70 L.W. 80
		Cathode	17	11 G	3.5
V2	AC/VP2	Anode	44	8 E	230
		Screen	29	8 E	230
		Cathode	41	8 E	4
V3	HL41DD	Anode	56	6 C	85
		Cathode	62	6 C	1
V4	AC5PEN	Anode	64	6 H	220
		Screen	29	6 G	230
		Cathode	61	6 G	7
V5	UU4	Cathode	72	6 E	315
L.S. field			29-72	27 O	90