

# CIRCUIT DIAGRAM

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COMPONENT	VALUE	LOCATION	TEST Fm. To	COMPONENT	VALUE	LOCATION	TEST Fm. To
L0	0.1	18 N	3 10	R7	2 megohm	24 R	19 31
L1	1.2	21 M	1 2	R8	800,000	25 R	31 32
L2	10	21 M	2 3	R9	400,000	25 R	10 32
L3	4.5	20-21 M	4 5	R10	1 megohm	25 R	27 32
L4	12	21 M	5 6	R11	100,000	25 R	34 36
L5	3	15 B	6 9	R12	1 megohm	9 E	38 41
L6	0.2	14 B	9 11	R13	50,000	8 E	38 39
L7	4.5	19 N	7 8	R14	140	8 E	35 41
L8	12	19 N	6 8	R15	320	8 E	10 41
L9	3	21 P	14 18	R16	100	6 D	43 44
L10	3	21-0	15 22	R17	3,000	6 E	23 30
L11	4	21-0	21 22	R19	500,000	4 B	35 36
L12	9	21-0	21 22	R21	50,000	8-9 B	30 57
L13	2250	L.S. Field	10 45	R22	20,000	13 F	10 12
L15	40	20 R	13 16	R23	100,000	9 H	26 27
L16	40	21 R	25 26	R24	50,000	8 F	23 24
L17	40	25-26 R	29 30	* L.S. Speech Coil 2 Ω			
L18	40	25 S	33 34				
C0	0.0095	14-15 C	3 10	T1 Prim.	300	2-3 D	30 43
C1A	0.0005	24-25 M	4 10	*Sec.	.2		42 10
C1B	0.0005	24-25 P	7 10	*Pickup	4,500		
C1C	0.0004	24-25 N	10 15				
C2	10/50 μmf.	12 C	4 10	T2 200v 50 Ω			
C3	10/80 μmf.	12 C	5 10	Prim. 200-214v 24Ω		29-300	50 59
C4	10/50 μmf.	14 D	7 10	215-232v 26 Ω			50 60
C5	10/80 μmf.	15 D	8 10	233-250v 29 Ω			50 61
C6	10/50 μmf.	12 F	10 15	H.T. Sec. 255-255 Ω			47-45-48
C7	10/80 μmf.	12 E	10 22				
C8	0.1	10 D	10 11	T2 100v 50 Ω			
C9	0.01	21 QR	14 16	Prim. 100-108 5.5 Ω		29-300	50 59
C10	0.00035	14 F	10 14	109-120 6 Ω			50 60
C11	0.0005	13 E	17 18	H.T. Sec. 255-255 Ω			47-45-48
C12	0.001	13 F	20 21				
C13	0.1	14 E	12 20	T2 200v 25 Cyc.			
C14	0.2	10 E	27 28	Prim. 200-215v 36 Ω		29.30.0	50 59
C15	70/140 μmf.	12 G	13 16	215-232v 39 Ω			50 60
C16	70/140 μmf.	12 G	25 26	233-250v 43 Ω			50 61
C17	70/140 μmf.	7 H	29 30	H.T. Sec. 398-398			47-45-48
C18	70/140 μmf.	7 G	33 34				
C19	0.1	10 F	10 28				
C20	0.00005	25 Q	29 31				
C21	0.01	10 E	10 19				
C22	0.0001	25 R	34 35				
C23	0.0002	8 D	35 36				
C24	0.005	8 E	37 38				
C25	25	10 C	10 35				
C26	8	8 C	10 23				
C27	0.025	6 E	43 57				
C28	8	7 C	10 30				
C29	8	7 C	30 45				
C30	0.05	9 E	24 58				
C31	0.2	Motor Brd.	54 51				
C32	0.001	10 H	26 27				
R1	5000	10 D	11 19				
R2	100,000	13 F	21 23				
R3	5,000	21 R	16 23				
R4	500	14 E	12 18				
R5	50,000	13 F	17 18				
R6	300	10 E	10 28				

NOTE: Condensers should be disconnected from other components when checking capacity; switches should be open for measuring inductances.

The location of the trimming condensers indicates the position of the trimmer adjusting screws.

\* Disconnect before testing, and test directly across components.

All resistances are given in ohms and all condensers in microfarads except where otherwise stated.

D.C. resistance of coils is given in ohms.

The heavily printed components apply to the Radio-gramophone only. The dotted lines should be ignored for the Radio-gramophone and treated as full lines for the Table and Console models.

