



POINTS MARKED ARE CONNECTED TO CHASSIS

SCHEMATIC A4-2.

RESISTANCE of TRANSFORMER WINDINGS, Etc.				
T1	PRIMARY 700 Ω		SPEECH COIL 2 Ω	
	SECONDARY 0.15 Ω		FIELD COIL 2000 Ω	
T2	WINDING	50 - 200v.	50 - 100v.	25 - 200v.
	PRIMARY	200 v 35 Ω	100 v 8.2 Ω	200 v 45 Ω
		230 v 38 Ω	110 v 9 Ω	230 v 53 Ω
		250 v 42 Ω		250 v 58 Ω
	RECT. HEATER	.72 Ω	.72 Ω	1.22 Ω
	X	1	.5 Ω	.5 Ω
H.T. SECONDARY 2		256 Ω	256 Ω	380 Ω
		330 Ω	330 Ω	380 Ω

FIG. 1

VALUES AND FUNCTIONS OF COMPONENTS																							
CONDENSERS		CONDENSERS		RESISTANCES		VALVES																	
No.	VALUE	No.	VALUE	No.	VALUE	No.	TYPE																
C1A	GANG .0005	C16	.1 MFD.	R1	50,000 Ω	V1	OSC & 1ST DET. AC/PEN																
C1B	GANG .0005	C17	70/140 M.MFDS.	R2	300,000 Ω	V2	I.F. AC/SGVM MET.																
C1C	GANG .0005	C18	70/140 M.MFDS.	R3	50,000 Ω	V3	2ND DET. AC/HL																
C2	5/70 M.MFDS.	C19	.5 MFD.	R4	20,000 Ω	V4	POWER AC/PEN																
C3	5/70 M.MFDS.	C20	.1 MFD.	R5	20,000 Ω	V5	MAINS MARCONI RECT. U12																
C4	5/70 M.MFDS.	C21	.001 MFD.	R6	200 Ω																		
C5	5/70 M.MFDS.	C22	1.0 MFD.	R7	8,000 Ω																		
C6	.1 MFD.	C23	.025 MFD.	R8	50,000 Ω																		
C7	SEE FOOT NOTE	C24	1.0 MFD.	R9	25,000 Ω																		
C8	2 1/2 / 15 M.MFDS.	C25	.0002 MFD.	R10	150,000 Ω																		
C9	5/70 M.MFDS.	C26	.002 MFD.	R11	100,000 Ω																		
C10	.1 M.FD.	C27	.025 MFD.	R12	100,000 Ω																		
C11	1373 M.MFDS.	C28	4.0 MFD.	R13	50,000 Ω																		
C12	2000 M.MFDS.	C29	1.0 MFD.	R14	400,000 Ω																		
C13	70/140 M.MFDS.	C30	8.0 MFD.	R15	20,000 Ω																		
C14	70/140 M.MFDS.	C31	.1 OR .4 MFD.	R16	15,000 Ω																		
C15	.1 MFD.			R17	15,000 Ω																		
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<p>C7—This Condenser consists of two pieces of connecting wire bound together for approx. 1 1/2"</p>																							