



VALUES AND FUNCTIONS OF COMPONENTS.										RESISTANCE OF TRANSFORMER WINDINGS ETC.									
CONDENSERS	CONDENSERS	RESISTANCES	RESISTANCES	INDUCTANCES	VALVES	SWITCHES													
NO	VALUE	NO	VALUE	NO	VALUE	NO	OHMS (D.C.)	TYPE	FUNCTION	T1									
C1A	GANG .0005	C22	<sup>500</sup> / <sub>750</sub> MFDS.	R1	0.5 M.Ω	R25	2 M.Ω	L1	7.5	V1	H.F.	VMS4	S1	CLOSE FOR GROUND	PRIMARY.	680 Ω			
C1B	GANG .0005	C23	<sup>70</sup> / <sub>140</sub> MFDS.	R2	0.5 M.Ω	R26	0.25 M.Ω	L2	18	V2	OSC	AC/HL	S2	CLOSE FOR SW.	SECONDARY.	0.35 Ω			
C1C	GANG .0005	C24	0.01 MFD.	R3	2,500 Ω	R27	50,000 Ω	L3	4.5	V3	1 <sup>ST</sup> I.F.	AC/SH	S3	CLOSE FOR SW.	WINDING	200V 25Ω	50V 100V	25V 200V	
C1D	GANG .0005	C25	0.0005 MFD.	R4	0.1 M.Ω	R28	1,800 Ω	L4	7.5	V4	1 <sup>ST</sup> I.F.	AC/SH	S4	CLOSE FOR SW.	PRIMARY	230V 28Ω	100V 6Ω	230V 34Ω	
C2	<sup>50</sup> / <sub>70</sub> MFDS.	C26	1 MFD.	R5	50,000 Ω			L5	18	V5	2 <sup>ND</sup> I.F.	AC/SH	S5	CLOSE FOR SW.	SECONDARY	250V 30Ω	110V 7Ω	250V 38Ω	
C3	<sup>50</sup> / <sub>70</sub> MFDS.	C27	1 MFD.	R6	0.25 M.Ω			L6	7.5	V6	2 <sup>ND</sup> I.F.	AC/BD	S6	CLOSE FOR GROUND	RECTIFIER HEAT				
C4	0.025 MFD.	C28	1 MFD.	R7	0.25 M.Ω			L7	18	V7	1 <sup>ST</sup> A.F.	VMS4	S7	CLOSE FOR SW.	X.	0.06 Ω	0.08 Ω	0.12 Ω	
C5	<sup>50</sup> / <sub>70</sub> MFDS.	C29	2 MFDS.	R8	0.5 M.Ω			L8	96	V8	POWER AC/PH	1807	S8	CLOSE FOR SW.	Z.	0.02 Ω	0.04 Ω	0.06 Ω	
C6	<sup>50</sup> / <sub>70</sub> MFDS.	C30	0.5 MFD.	R9	0.25 M.Ω			L9	96	V9	RECT.		S9	CLOSE FOR GROUND	HT. SECONDARY	1	155 Ω	155 Ω	205 Ω
C7	<sup>50</sup> / <sub>70</sub> MFDS.	C31	1 MFD.	R10	0.25 M.Ω			L10	6				S10	CLOSE FOR ON	2	155 Ω	155 Ω	205 Ω	
C8	<sup>50</sup> / <sub>70</sub> MFDS.	C32	0.1 MFD.	R11	0.5 M.Ω			L11	10										
C9	0.025 MFD.	C33	1 MFD.	R12	80,000 Ω			L12	3.5										
C10	0.002 MFD.	C34	0.35 MFD.	R13	0.25 M.Ω			L13	4.5										
C11	<sup>50</sup> / <sub>70</sub> MFDS.	C35	4 MFDS.	R14	0.25 M.Ω			L14	9.6										
C12	<sup>50</sup> / <sub>85</sub> MFDS.	C36	8 MFDS.	R15	0.4 M.Ω			L15	9.6										
C13	0.01373 MFD.	C37	8 MFDS.	R16	0.12 M.Ω			L16	35										
C14	0.01772 MFD.	C38	0.002 MFD.	R17	9,000 Ω			L17	9.6										
C15	0.2 MFD.			R18	1,860 Ω			L18	190										
C16	<sup>70</sup> / <sub>140</sub> MFDS.			R19	3,000 Ω														
C17	<sup>70</sup> / <sub>140</sub> MFDS.			R20	25 Ω														
C18	0.1 MFD.			R21	0.5 M.Ω														
C19	<sup>70</sup> / <sub>140</sub> MFDS.			R22	50,000 Ω														
C20	<sup>70</sup> / <sub>140</sub> MFDS.			R23	100,000 Ω														
C21	0.1 MFD.			R24	15,000 Ω														

SCHMATIC DIAGRAM OF THE A8 RECEIVER