DRAWN. F.H. DATE 4.8.50.	TYPED C.J. DATE 3.8.50.	ENGINEER R.C. DATE 19.2.51.	APPROVED E.W.R. DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS
		TRIMMERS.	
TR1	3-30 pfd.	Mullard Type E.7864/01.	
TR2	3-30 pfd.	" " "	
TR3	3-30 pfd.	" " "	
TR4	3-30 pfd.	" " "	
TR5	3-30 pfd.	" " "	
TR6	3-30 pfd.	" " "	
TR7	3-30 pfd.	" " "	
TR8	3-30 pfd.	Mullard Type E.7864/01.	
TM1	3-30 pfd.	Mullard Type E.7864/01.	
TM2	2-8 pfd.	" " E.7850.	
TM3	3-30 pfd.	" " E.7864/01.	
TM4	2-8 pfd.	" " E.7850.	
TM5	3-30 pfd.	" " E.7864/01.	
TM6	3-30 pfd.	" " "	
TM7	3-30 pfd.	" " "	
TM8	3-30 pfd.	Mullard Type E.7864/01.	

REF	VALUE	DESCRIPTION	REMARKS
T01	3-30 pfd.	Mullard Type E.7864/01.	
T02	3-30 pfd.	" " "	
T03	3-30 pfd.	" " "	
T04	3-30 pfd.	" " E.7864/01.	
T05	2-8 pfd.	" " E.7850.	
T06	3-30 pfd.	" " E.7864/01.	
T07	3-30 pfd.	" " E.7864/01.	
T08	2-8 pfd.	Mullard Type E.7850.	
		PADDERS.	
P01	4.8-100 pfd.	Polar Type C8-01.	
P02	4.8-100 pfd.	" " "	
P03	4.8-100 pfd.	" " "	
P04	4.8-100 pfd.	" " "	
P05	4.8-100 pfd.	Polar Type C8-01.	

ISSUE

1. 4.8.50.
TR5 was 2-8 pfd.
C/N.5582/L.
Re-typed A.L.J.
2. 22.3.51.

REDIFON LTD. LONDON.	TITLE R.50M RECEIVER.	WD 3/2719/S.	SHEET № 2 cont'd.

DRAWN.	DATE	TYPED C.J.	DATE 3.8.50.	ENGINEER R.L.	DATE 19/2/51.	APPROVED E.W.R.	DATE 19.2.51

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
		CONDENSERS.		C19	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	1. 4.8.50.
C1	14-224 pF.			C20	270 pF. ±10%	T.C.C. Type 425 SMP.	" " "	
C2	"	Polar 4 gang Type C60-14/5.		C21	68 pF. ±5%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	
C3	"			C22	5 pF. ±20%	T.C.C. Type SCP7.	500v. D.C. Wkg.	
C4	14-224 pF.			C23	.01 uF. ±20%	T.C.C. Type SM3N.	350v. D.C. Wkg.	
C5	14-224 pF.			C24	150 pF. ±20%	T.C.C. Type 401 SMP.	" " "	
C6	"	Polar 4 gang Type C60-14/5.		C25	.1 uF.	T.C.C. Type CP45N.	" " "	
C7	"			C26	.1 uF.	T.C.C. Type CP45N.	" " "	
C8	14-224 pF.			C27	150 pF. ±20%	T.C.C. Type 401 SMP.	" " "	
C9	33 pF. ±10%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	C28	.1 uF.	T.C.C. Type CP45N.	" " "	
C10	3.8-50 pF.	Polar Type C8-04.		C29	.1 uF.	T.C.C. Type CP45N.	" " "	
C11	150 pF. ±20%	T.C.C. Type 401 SMP.	350v. D.C. Wkg.	C30	68 pF. ±5%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	
C12	150 pF. ±20%	T.C.C. Type 401 SMP	" " "	C31	3-30 pF.	Mullard Type E.7864.		
C13	.1 uF.	T.C.C. Type CP45N.	" " "	C32	5 pF. ±20%	T.C.C. Type SCP7.	500v. D.C. Wkg.	
C14	.1 uF.	T.C.C. Type CP45N.	" " "	C33	150 pF. ±20%	T.C.C. Type 401 SMP.	350v. D.C. Wkg.	
C15	270 pF. ±20%	T.C.C. Type 425 SMP.	" " "	C34	.1 uF.	T.C.C. Type CP45N.	" " "	
C16	.1 uF.	T.C.C. Type CP45N.	" " "	C35	150 pF. ±20%	T.C.C. Type 401 SMP.	" " "	
C17	420 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C36	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	
C18	420 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	C37	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	

REDIFON LTD. LONDON.	TITLE R50M. RECEIVER	WD3/2719/S	SHEET Nº 3 CONT.

DRAWN. DATE | TYPED C.J. DATE 3.8.50. | ENGINEER R.L. DATE 19/2/51. | APPROVED E.W.R. DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
C38	150 pF. ±20%	T.C.C. Type 401 SMP.	350v. D.C. Wkg.	C57	.01 uF.	Dubilier Type 691W.	350v. D.C. Wkg.	1.4.8.50.
C39	.001 uF. ±20%	T.C.C. Type CM20N.	" " "	C58	.01 uF.	Dubilier Type 691W.	350v. D.C. Wkg.	
C40	.01 uF.	Dubilier Type 691W.	350v. D.C. Wkg.	C59	5 pF. ±20%	T.C.C. Type SCP7	500v. D.C. Wkg.	
C41	16 pF. ±10%	T.C.C.Type SCT1.	500v. D.C. Wkg.	C60	150 pF. ±10%	T.C.C. Type SCT3.	500v. D.C. Wkg.	
C42	100 pF. ±2%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	C61	.01 uF.	Dubilier Type 691W.	350v. D.C. Wkg.	
C43	32 pF. ±10%	T.C.C. Type SCT1.	500v. D.C. Wkg.	C62	.01 uF.	Dubilier Type 691W.	" " "	
C44	33 pF. ±20%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	C63	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	
C45	10 pF. ±10%	T.C.C. Type SCT1.	500v. D.C. Wkg.	C64	3-30 pF.	Mullard Type E.7864.		
C46	190 pF. ±5%	T.C.C. Type SCT3	500v. D.C. Wkg.	C65	2-8 pF.	Mullard Type E.7851.		
C47	750 pF. ±1%	T.C.C. Type 601 SMP.	350v. D.C. Wkg.	C66	5 pF. ±10%	T.C.C. Type SCD1	500v. D.C. Wkg.	
C48	95 pF. ±5%	T.C.C. Type SCT2	500v. D.C. Wkg.	C67	2-8 pF.	Mullard Type E.7851.		
C49	370 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	C68	3-30 pF.	Mullard Type E.7864.		
C50	5 pF. ±20%	T.C.C. Type SCP7	500v. D.C. Wkg.	C69	100 pF. ±5%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	
C51	250 pF. ±5%	T.C.C. Type SCT3.	500v. D.C. Wkg.	C70	330 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	
C52	1250 pF. ±1%	T.C.C. Type 601 SMP.	350v. D.C. Wkg.	C71	33 pF ±10%	Erie Ceramicon Type N.750K.		
C53	3560 pF. ±1%	T.C.C. Type 601 SMP.	350v. D.C. Wkg.	C72	.01 uF.	T.C.C. Type CP45W	500v. D.C. Wkg.	
C54	30 pF. ±5%	Erie Ceramicon Type N.220.		C73	150 pF. ±10%	T.C.C. Type 401 SMP.	350v. D.C. Wkg.	
C55	8,000 pF. ±10%	T.C.C. Type 901 SMP.	350v. D.C. Wkg.	C74	.1 uF.	T.C.C. Type CP45N.	" " "	
C56	30 pF. ±5%	Erie Ceramicon Type N.220.		C75	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	

REDIFON LTD. LONDON. | TITLE R50M RECEIVER | WD3/2719/S | SHEET Nº 4 CONT.

DRAWN. JK DATE | TYPED C.J. DATE 3.8.50. | ENGINEER R.L. DATE 19/2/51. | APPROVED E.W.R. DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
C76	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	C95	330 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	1. 4.8.50
C77	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C96	330 pF. ±2%	T.C.C. Type 501 SMP.	" " "	
C78	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C97	.1 uF.	T.C.C. Type CP45N.	" " "	
C79	330 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C98	.1 uF.	T.C.C. Type CP45N.	" " "	
C80	330 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C99	.1 uF.	T.C.C. Type CP45N.	" " "	
C81	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C100	.1 uF.	T.C.C. Type CP45N.	" " "	
C82	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C101	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	
C83	330 pF ±2%	T.C.C. Type 501. SMP.	" " "	C102	3.8-50 pF.	Polar Type C8-04.		
C84	330 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	C103	100 pF ±10%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	
C85	.01 uF.	T.C.C. Type CP45W.	1,000v. D.C.Wkg.	C104	330 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	
C86	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.	C105	33 pF. ±10%	Erie Ceramicon Type N.750K.		
C87	.1 uF.	T.C.C. Type CP45N.	" " "	C106	10 pF. ±10%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.	
C88	.1 uF.	T.C.C. Type CP45N.	" " "	C107	.1 uF.	T.C.C. Type CP45N.	" " "	
C89	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C108	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	
C90	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C109	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	
C91	330 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C110	330 pF ±2%	T.C.C. Type 501 SMP.	" " "	
C92	330 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C111	330 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	
C93	360 pF. ±2%	T.C.C. Type 501 SMP.	" " "	C112	150 pF. ±10%	T.C.C. Type SCT3.	500v. D.C. Wkg.	
C94	360 pF. ±2%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	C113	12 pF. ±10%	T.C.C. Type SCT1.	500v. D.C. Wkg.	

REDIFON LTD. LONDON. | TITLE R50M RECEIVER | WD3/2719/S | SHEET No 5 CONT.

DRAWN. DATE | TYPED C.J. DATE 3.8.50. | ENGINEER R.L. DATE 19/2/51. | APPROVED E.W.R. DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
C114	470 pF. ±10%	T.C.C. Type 501 SMP.	350v. D.C. Wkg.	C133	.01 uF.	Dubilier Type 691W.	350v. D.C. Wkg.	1. 4.8.50
C115	150 pF. ±10%	T.C.C. Type 401 SMP.	" " "	C134	.01 uF.	Dubilier Type 691W.	" " "	
C116	.1 uF.	T.C.C. Type CP45N.	" " "	C135	.01 uF.	Dubilier Type 691W	350v. D.C. Wkg.	
C117	150 pF. ±10%	T.C.C. Type 401 SMP.	" " "					
C118	680 pF. ±10%	S.R.C. Type 508.	" " "					
C119	680 pF. ±10%	S.R.C. Type 508.	" " "					
C120	.01 uF. ±20%	T.C.C. Type SM3N.	" " "					
C121	.1 uF.	T.C.C. Type CP45N.	" " "					
C122	1 uF.	T.C.C. Type 62 Inverted Mtg.	" " "					
C123	.1 uF.	T.C.C. Type CP45N.	" " "					
C124	150 pF. ±10%	T.C.C. Type 401 SMP.	" " "			JACK.		
C125	.005 uF. ±20%	Hunts. Type H34C.	" " "	J1	2 point.	Igranic Midget P.73.		
C126	.1 uF.	T.C.C. Type CP45N.	" " "					
C127	68 pF. ±10%	T.C.C. Type 101 SMP.	350v. D.C. Wkg.					
C128	50 uF.	T.C.C. Type CE18C.	25v. D.C. Wkg.					
C129	50 uF.	T.C.C. Type CE18C	25v. D.C. Wkg.					
C130	.1 uF.	T.C.C. Type CP45N.	350v. D.C. Wkg.					
C131	.1 uF.	T.C.C. Type CP45N.	" " "					
C132	.01 uF.	Dubilier Type 691W.	350v. D.C. Wkg.					

REDIFON LTD. LONDON. | TITLE R50M. RECEIVER | WD3/2719/S | SHEET No 6 CONT.

DRAWN.	DATE	TYPED C.J.	DATE 3.8.50	ENGINEER R.L.	DATE 19/2/51.	APPROVED L.W.R.	DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
		COILS.						1. 4. 8. 50.
LA1		Aerial Coil Range H.	A.3301 Edn. "H"	LM1		Mixer Coil Range H.	A.3303 Edn. "H"	
LA2		" " " G.	" " "G"	LM2		" " " G.	" " "G"	
LA3		" " " F.	" " "F"	LM3		" " " F.	" " "F"	
LA4		" " " E.	" " "E"	LM4		" " " E.	" " "E"	
LA5		" " " D.	" " "D"	LM5		" " " D.	" " "D"	
LA6		" " " C.	" " "C"	LM6		" " " C.	" " "C"	
LA7		" " " B.	" " "B"	LM7		" " " B.	" " "B"	
LA8		Aerial Coil Range A.	A.3301 Edn. "A"	LM8		Mixer Coil Range A.	A.3303 Edn. "A"	
LR1		R.F. Coil Range H.	A.3302 Edn. "H"	LO1		Osc. Coil Range H.	A.3304 Edn. "H"	
LR2		" " " G.	" " "G"	LO2		" " " G.	" " "G"	
LR3		" " " F.	" " "F"	LO3		" " " F.	" " "F"	
LR4		" " " E.	" " "E"	LO4		" " " E.	" " "E"	
LR5		" " " D.	" " "D"	LO5		" " " D.	" " "D"	
LR6		" " " C.	" " "C"	LO6		" " " C.	" " "C"	
LR7		" " " B.	" " "B"	LO7		" " " B.	" " "B"	
LR8		R.F. Coil Range A.	A.3302 Edn. "A"	LO8		Osc. Coil Range A.	A.3304 Edn. "A"	

REDIFON LTD. LONDON.	TITLE RSOM RECEIVER	WD3/2719/S	SHEET No 7 CONT.

DRAWN. DATE | TYPED C.J. DATE 4.8.50. | ENGINEER R.L. DATE 19/2/51 | APPROVED F.W.R. DATE 19.2.51

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
L1		Suppressor 465 Kc/s.	A.3297/A.	L20				1. 4.8.50
L2				L21		Grid Trfr. 110 Kc/s.	A.3297/J.	
L3		R.F. Choke.	151/2719/S.	L22				
L4		Bulgin SW.68. R.F.Choke.	Waxed Finish.	L23				
L5		Xtal Input Trfr. 465 Kc/s.	A.3297/B.	L24		Anode Trfr. 465 Kc/s.	A.3297/F.	
L6				L25				
L7		Xtal Input Trfr. 110 Kc/s.	A.3297/C.	L26				
L8				L27		Anode Trfr. 110 Kc/s.	A.3297/G.	
L9		Xtal. Damping Coil. .465 Kc/s.	A.3297/D.	L28				
L10		Xtal. Damping Coil. .110 Kc/s.	A.3297/E.	L29				
L11				L30		Grid Trfr. 465 Kc/s.	A.3297/H.	
L12		Anode Trfr. 465 Kc/s.	A.3297/F.	L31				
L13				L32				
L14				L33		Grid Trfr. 110 Kc/s.	A.3297/J.	
L15		Anode Trfr. 110 Kc/s.	A.3297/G.	L34				
L16				L35		R.F.O. Coil. 465 Kc/s.	A.3297/K.	
L17				L36		R.F.O. Coil. 110 Kc/s.	A.3297/L.	
L18		Grid Trfr. 465 Kc/s.	A.3297/H.	L37		Diode Trfr. 465 Kc/s.	A.3297/M.	
L19				L38				

REDIFON LTD. LONDON. | TITLE R50M RECEIVER | WD3/2719/S | SHEET No 8 CONT.

DRAWN. DATE | TYPED C.J. DATE 4.8.50. | ENGINEER R.L. DATE 19/8/51. | APPROVED E.W.R. DATE 19.8.51.

REF	VALUE	DESCRIPTION	REMARKS
L39		Diode Trfr. 110 Ke/s.	A.3297/M.
L40			
L41		A.F. Choke.	A.3309/A.
		BULBS.	
LP1		M.E.S. Bulb. 6v. .3A.	
LP2		" " 6v. .3A.	
LP3		M.E.S. Bulb. 6v. .3A.	
		METER.	
M1.		Turner Meter Mod. W.909	
		0-1 mA F.S.D. 100 ohm	
		Calibrated 0-10 mA 0-30 mA.	
		PLUG.	
PL1		Painton Plug 12 way 500479.	

REF	VALUE	DESCRIPTION	REMARKS	ISSUE
		SOCKET.		1. 4.8.50.
SK1		Painton Socket 12 way 500482.		
		VALVES.		
V1		EF39.		
V2		EF39		
V3		ECH35.		
V4		L63.		
V5		EF39		
V6		EF39		
V7		EF39		
V8		EF37		
V9		EB34 or 6H6.		
V10		EB34 or 6H6.		
V11		EF37		
V12		6V6G.		

REDIFON LTD. LONDON. | TITLE R50M RECEIVER | WD3/2719/S | SHEET No 2 CONT.

DRAWN. DATE | TYPED 23.8.50. DATE C.J. | ENGINEER DATE 19/2/51. | APPROVED DATE 19.2.51

REF	VALUE	DESCRIPTION	REMARKS
	OHMS.	RESISTORS.	
R1	10K. ±10%	Erie. R.M.A.9.	
R2	10K ±10%	" "	
R3	10K ±10%	" "	
R4	470K. ±10%	" "	
R5	220K. ±10%	Erie. R.M.A.9.	
R6	10K. ±10%	" R.M.A.8.	
R7	1 M. ±20%	" "	
R8	47K. ±20%	" "	
R9	330. ±10%	" "	
R10	4,700. ±10%	" "	
R11	4,700. ±10%	Erie. R.M.A.8.	
R12	1.5 M. ±10%	" R.M.A.9.	
R13	1.5 M. ±10%	" R.M.A.9.	
R14	10K. ±10%	" R.M.A.8.	
R15	220K. ±10%	" "	
R16	47K. ±20%	" "	
R17	330 ±10%	" "	
R18	4,700 ±10%	" "	
R19	2,200 ±10%	Erie. R.M.A.8.	
R20	100K. ±10%	" R.M.A.9.	
R21	100K. ±10%	" R.M.A.9.	
R22	4,700 ±10%	" R.M.A.8.	
R23	1 M. ±20%	" R.M.A.9.	
R24	1,500 ±10%	" R.M.A.9.	
R25	10K. ±10%	" R.M.A.8.	
R26	Thermistor.	Mullard Varite V.A.1003.	
R27	150 ±10%	Erie. R.M.A.9.	
R28	470 ±10%	" R.M.A.8.	
R29	330 ±10%	" R.M.A.8.	
R30	100 ±10%	" R.M.A.8.	
R31	2,200 ±20%	" R.M.A.9.	
R32	4,700 ±10%	" R.M.A.8.	
R33	68K. ±10%	" R.M.A.8.	
R34	4,700 ±10%	" R.M.A.8.	
R35	120K. ±10%	" R.M.A.9.	
R36	22K. ±10%	" R.M.A.9.	
R37	6,200 ±10%	Erie. R.M.A.9.	

ISSUE: 1. 4. 8. 50.

REDIFON LTD. LONDON. | TITLE R50M RECEIVER | WD3/2719/S | SHEET Nº 10. CONT.

DRAWN. DATE | TYPED C.J. DATE 23.8.50. | ENGINEER R.L. DATE 19/2/51. | APPROVED E.W.B. DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS	REF.	VALUE	DESCRIPTION	REMARKS	ISSUE
R38	150K. ±10%	Erie, R.M.A.8.		R57	330 ±10%	Erie, R.M.A.8.		1. 4.8.50
R39	1,800 ±10%	" R.M.A.9.		R58	100K. ±10%	" "		
R40	1,800 ±10%	" R.M.A.9.		R59	100K. ±10%	" "		
R41	4,700 ±10%	" R.M.A.9.		R60	22K. ±10%	" "		
R42	1 M. ±10%	" R.M.A.8.		R61	100K. ±10%	" "		
R43	22K. ±20%	" R.M.A.8.		R62	100K. ±10%	" "		
R44	330 ±10%	" R.M.A.8.		R63	4,700 ±10%	" R.M.A.8.		
R45	10K. ±10%	" "		R64	470K. ±20%	" R.M.A.9.		
R46	4,700 ±10%	" "		R65	510K. ±10%	" R.M.A.8.		
R47	10 ±10%	" "		R66	680K. ±10%	" "		
R48	27 ±10%	" "		R67	33K. ±10%	Erie, R.M.A.8.		
R49	22K. ±20%	" "		R68	50K. Var.	Morganite HMAR.50810	OP.1198/S.	
R50	330 ±10%	" "		R69	100K. Var.	Morganite HMAR.10410	OP.1198/S.	
R51	10K. ±10%	Erie. R.M.A.8.		R70	150K. ±10%	Erie, R.M.A.8.		
R52	5K. Var.	Reliance Type T.W.	OP.1430/S.	R71	22K. ±10%	" "		
R53	4,700 ±10%	Erie. R.M.A.8.		R72	42K. ±10%	" R.M.A.8.		
R54	10 ±10%	" "		R73	250K. ±2%	Welwyn Type A.3634		
R55	30 ±10%	Erie. R.M.A.8.		R74	20K. ±10%	Welwyn Type AW.3112.		
R56	1 M. ±10%	Erie. R.M.A.8.		R75	100K. ±10%	Erie. R.M.A.2.		

REDIFON LTD. LONDON. | TITLE R5OM RECEIVER | WD3/2719/S | SHEET No 11 CONT.

DRAWN. DATE | TYPED C.J. DATE 23.8.50. | ENGINEER R.L. DATE 19/2/51. | APPROVED E.W.R. DATE 19.2.51.

REF	VALUE	DESCRIPTION	REMARKS
R76	3,300 ±10%	Erie. R.M.A.8.	
R77	3 M. ±10%	" "	
R78	100K. ±10.	" "	
R79	150K. ±10%	" R.M.A.8.	
R80	4,700 ±20%	" R.M.A.9.	
R81	100K. ±10%	" R.M.A.8.	
R82	3,300 ±10%	" "	
R83	470K. ±10%	" R.M.A.8.	
R84	1.5 M. ±10%	" R.M.A.9.	
R85	1K. ±10%	" "	
R86	470 ±10%	" R.M.A.8.	
R87	1	Welwyn AW.3115.	
R88	680 ±20%	Erie. R.M.A.9.	

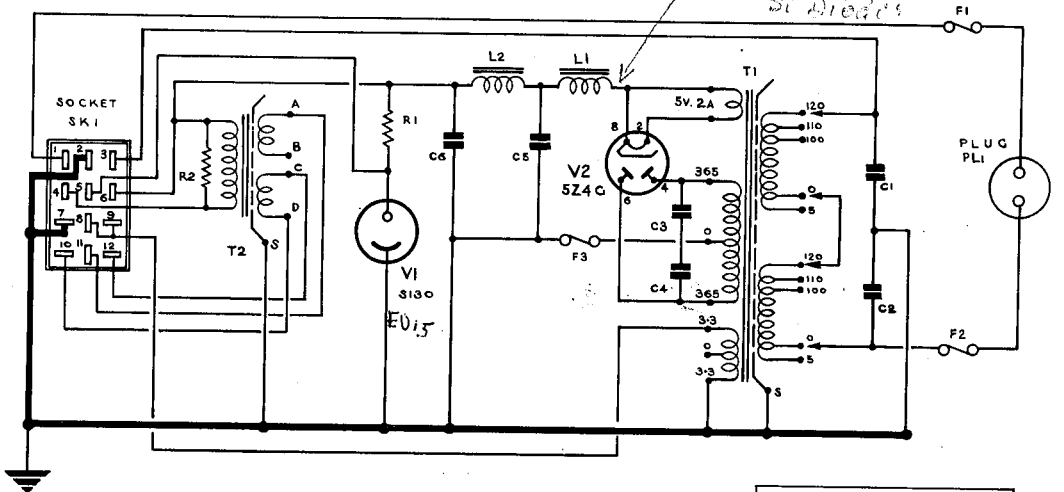
REF	VALUE	DESCRIPTION	REMARKS
		SWITCHES.	
S1		R.N.S.F. 2B. 4P. 6 pos.	OP.1188/S
S2		" 1B. 2P. 4 pos.	OP.1189/S
S3		" 8B. 3P. 12 pos.	OP.1537/S OP.1538/S
S4		" 2B. 1P. 12 pos.	OP.1536/S
S5		" 6B. 2P. 5 pos.	OP.1192/S
S6		R.N.S.F. 7B. 2P. 2 pos.	OP.1193/S
S7		Bulgin. D.P. On-Off Type	S.282. Tropical.
		CRYSTALS.	
X1.X2	465 kc/s App.	G.E.C. Double Quartz Crystal in common holder Type QC.197-JCF.	OP.1600/S
	Crystals to differ in Frequency by from 950 to 1100 c/s.		
X3	110 kc/s ± ·2%	G.E.C. Single Quartz Crystal in Holder Type QC.197-JCF.	OP.1601/S

ISSUE: 1. 4.8.50

REDIFON LTD. LONDON. | TITLE R50M RECEIVER | WD3/2719/S | SHEET No 12.

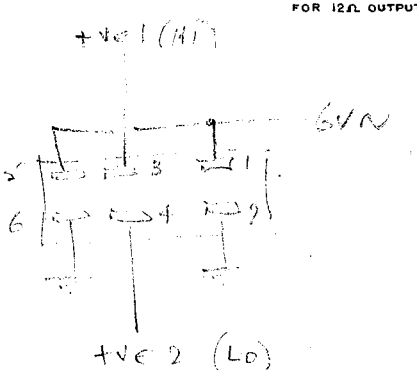
DRAWN J.H.	DATE 2-8-50.	TRACED K.J.	DATE 30-3-53.	ENGINEER R.L.	DATE 30-3-53.	APPROVED K.G.N	DATE 30-3-53

ISSUE
1. 2.8.50 CONNECTIONS REVERSED ON C & D TERMINALS ON T2. CH/N.5524/L
2. 12.2.51 R2 ADDED. CH/N 6250/L
3. 28.8.52 REDRAWN - WITHOUT ALTERATION 30-3-53



OUTPUT TRANSFORMER T2.
FOR 3Ω OUTPUT CONNECT B TO D: A TO C.
FOR 12Ω OUTPUT CONNECT B TO C.

COMPONENT VALUES	
CONDENSERS	
C1	·01μF
C2	·01μF
C3	·05μF
C4	·05μF
C5	8μF
C6	8μF
RESISTORS	
R1.	5KΩ
R2.	22KΩ
FUSES	
F1	1A.200-250V.2A.100-125V.
F2	1A.200-250V.2A.100-125V.
F3	250 m.A.



REDIFON LTD. LONDON

P.U.74. A.C. POWER UNIT

WD3/2767/M SHT. 1 CONT

DRAWN. J.A. DATE 2.8.50. TYPED C.J. DATE 3.8.50. ENGINEER R.L. DATE 21/9/1950. APPROVED L.W.R. DATE 5.10.50.

REF	VALUE	DESCRIPTION	REMARKS
		CONDENSERS.	
C1	.01 uF.	T.C.C. Type SM3N	
C2	.01 uF.	T.C.C. Type SM3N.	
C3	.05 uF.	T.C.C. Type 648	
C4	.05 uF.	T.C.C. Type 648	
C5	8 uF.	T.C.C. Type 82.	Rolled Edges.
C6	8 uF.	T.C.C. Type 82.	Rolled Edges.
		CHOKES.	
L1	SR/T443.	Varley Type D.P.10 20H.	Less case.
L2	SR/T443.	Varley Type D.P.10 20H.	Less case.
		PLUGS.	
PL1		Bulgin 2 pin Type. P.74.	
		SOCKETS.	
Sk1		Painton 12 way Type 500482.	

REF	VALUE	DESCRIPTION	REMARKS
		VALVES.	
V1		S.130	
V2		5Z4G.	
		RESISTORS.	
R1	5 K.ohm.	Welwyn Type AW.3112.	12 watt.
R2	22.k.ohm ±20%	ERIE TYPE RMA.8.	1/2 WATT.
		TRANSFORMERS.	
T1	SR/T. 881.	Mains Transformer.	
T2	SR/T. 987.	Output Transformer.	
		FUSES.	
F1	1A. 200-250v. 2A. 100-125v.	1.1/4" Cartridge Type.	Mounted in 3
F2	1A. 200-250v. 2A. 100-125v.	1.1/4" Cartridge Type.	Belling Lee
F3	250 mA.	1.1/4" Cartridge Type.	Holders L.356.

ISSUE: 1.2.8.50 R2 ADDED CH/N.6250/L 2. 28.8.52. #

REDIFON LTD. LONDON. TITLE P.U.74. A.C. POWER UNIT. WD3/2767/S SHEET No. 2.

USED ON

REDIFON LTD. LONDON.

DRAWN

TYPED

ENGINEER

APPROVED

TITLE *INTERCONNECTING LEAD. RECEIVER R5OM TO POWER UNIT.*

DRG. Nº *Sk.623.*

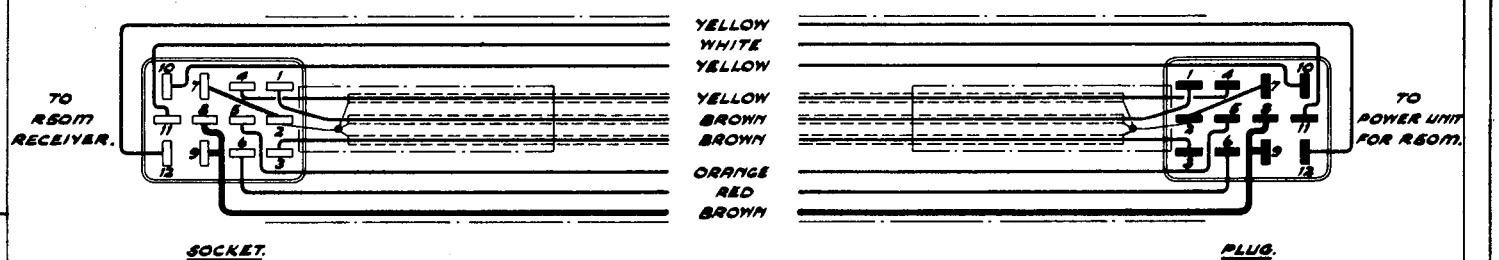
ISSUE *1. 27-11-61.*

ISSUE

ISSUE

ISSUE

CONNECTOR P.17669/M.



NOTE.
PLUG & SOCKET VIEWED FROM REAR. ie. WIRING SIDE.

FORM 1