



DIAGRAM OF BAND SWITCH CONNECTIONS  
VIEW LOOKING FROM FRONT OF CHASSIS

DIAL LIGHTS 6-B VOLTS  
MODELS 1521 & 1522

DIAL LIGHTS 6-B VOLTS  
MODELS 1523 & 1524

ITEM	CAPACITY	LIMITS	RATED WORKING VOLTAGE	REMARKS	PART NO.
C1	456 KC WAVE TRAP			IN WAVE TRAP ASSY	3810-9
C2	0.3 MFD	± 15%	200	TUBULAR	
C3	5000 KC ANT ALIGN			IN ANT TRANS ASSY	
C4	1400 KC ANT ALIGN			PART OF GANZ COND	11813
C5	2 GANG CONDENSER				39003
C6	0			DOUBLE	
C7	0.001			500(KUM) MICA ELECTROLYTIC	34113
C8	0			500(KUM) MICA	34114
C9	0.00005			TUBULAR	38121
C10					4007
C11	5000 KC OSC ALIGN				4167
C12	6000 KC OSC ALIGN			IN 1 <sup>st</sup> IF TRANS	
C13	456 KC IF ALIGN			IN OSC CON. ASSY	4036
C14	1400 KC OSC ALIGN			IN 1 <sup>st</sup> IF TRANS	
C15	600 KC OSC ALIGN			TUBULAR	38109
C16	456 KC IF ALIGN			TUBULAR	38120
C17	0.3 MFD	± 15%	200		
C18	0.5	± 15%	400		
C19	456 KC IF ALIGN			IN 2 <sup>nd</sup> IF TRANS	
C20	0.002 MFD	± 20%	750	MICA	34103
C21	0.001	± 20%	750		34104
C22	456 KC IF ALIGN			IN 2 <sup>nd</sup> IF TRANS	
C23	0.1 MFD	± 15%	200	TUBULAR	38101
C24	0.1	± 15%	200		38101
C25	0.3	± 15%	400		38112
C26	0.5	± 15%	600		38110
C27	0.05	± 15%	600		38107
C28	2.5	± 15%	200		38106
C29	0.001	± 15%	200		39001
C31	0			DRT ELECTROLYTIC TUBULAR	38121
C33					38121

ITEM	RESISTANCE	LIMITS	WATTS	REMARKS	PART NO.
R1	100,000 OHMS	± 15%	1/4 W	CARBON	32604
R2	50,000	± 20%	1/4		32618
R3	40,000	± 15%	1/4		32623
R4	5,000	± 15%	1/4		33744
R5	30,000	± 15%	1/4		21038
R6	20,000	± 15%	1/4		33717
R7	50,000	± 20%	1/4		32618
R8	750,000	± 20%	1/4 W	VOL CONTROL	11707
R9	500,000	± 20%	1/4	CARBON	32603
R10	500,000	± 20%	1/4		32603
R11	1,000,000	± 20%	1/4		33703
R12	250,000	± 15%	1/4		33707
R13	500,000	± 20%	1/4		33709
R14	50,000		1/4 W	TOUCH CONTROL	11713
R15	100,000	± 10%	1/4 W	CARBON	33742
R16	180,000	± 10%	1/4		33776
R17	15,000	± 10%	1/4		21040
R18	150,000	± 20%	1/4		33779

### Rogers Model 4521 (Chassis 4521)

VOLTAGES SHOWN ARE APPROX READINGS THAT SHOULD BE OBTAINED BETWEEN POINT WHERE VOLTAGE IS INDICATED AND GROUND (CHASSIS), WITH A 1000 OHMS PER VOLT VOLTMETER, USING 250 VOLT RANGE. EXCEPT VOLTAGES THAT ARE MARKED \* WHICH ARE ACTUAL VOLTAGES AND CANNOT BE MEASURED WITH ORDINARY VOLTMETER

ITEM	DESCRIPTION	PART NO.
T1	OSCILLATOR TRANS. ASSY	4258
T2	1 <sup>st</sup> IF TRANS. ASSY	4342
T3	2 <sup>nd</sup> IF TRANS. ASSY	4343
T4	3 <sup>rd</sup> IF TRANS. ASSY	4344
T5	OUTPUT TRANS. ASSY	4351
T6	POWER TRANS. ASSY	4334
L1	ANTENNA TRANS. ASSY	4181
L2	6.3 V SPEAKER ASSY	3985
L3	D.I.S. SPEAKER ASSY	4193
L4	R.F. CHOKES ASSY	4136

ON MODELS 1521 & 1522  
ON MODELS 1523 & 1524

