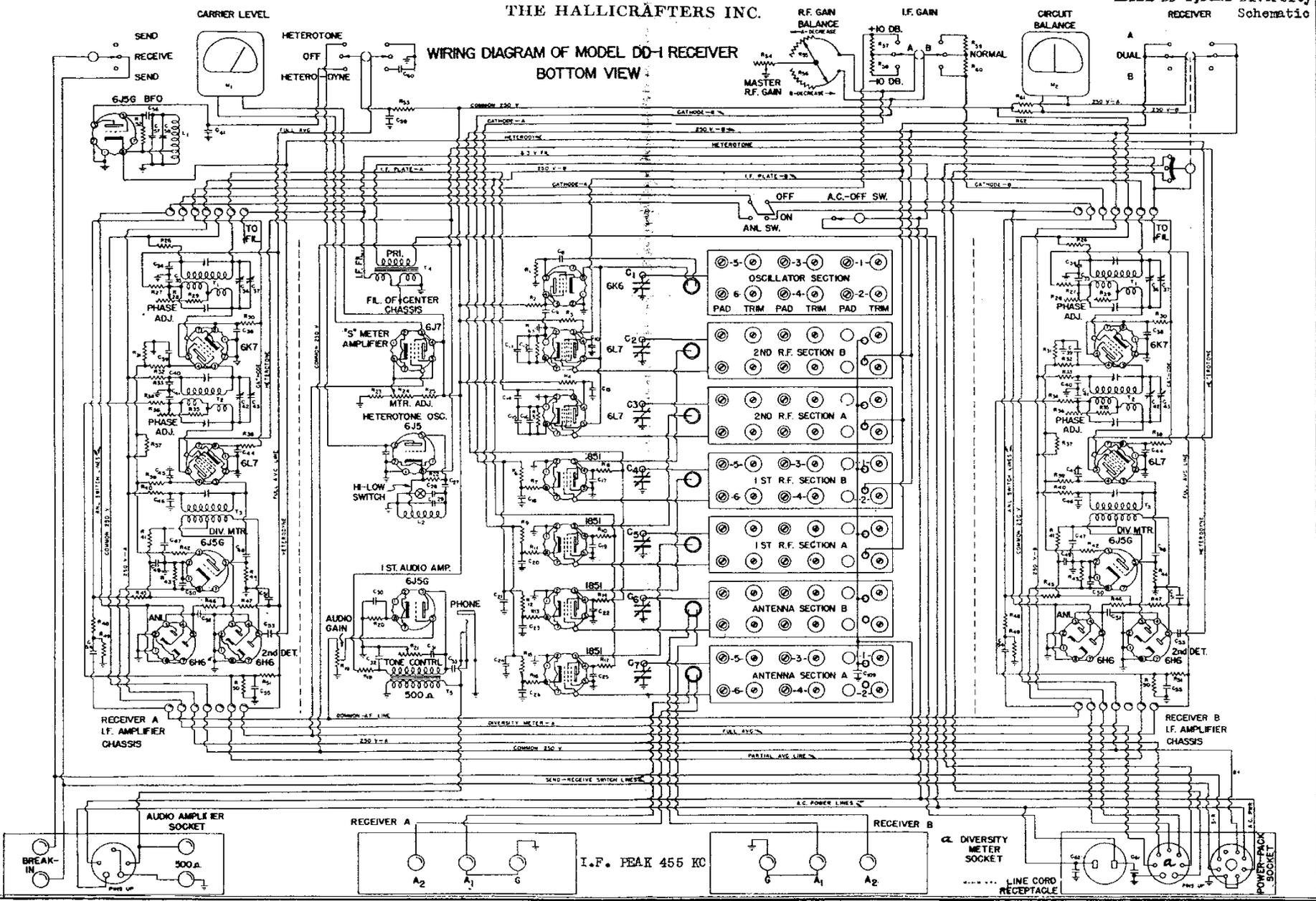


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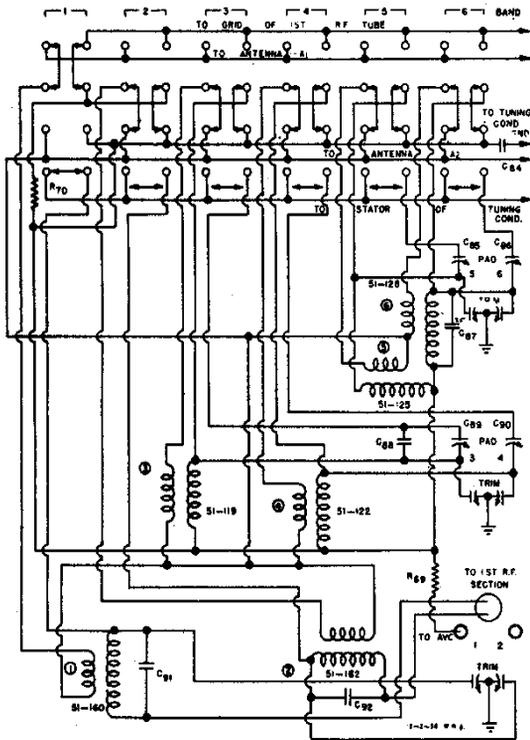
WIRING DIAGRAM OF MODEL DD-1 RECEIVER
BOTTOM VIEW



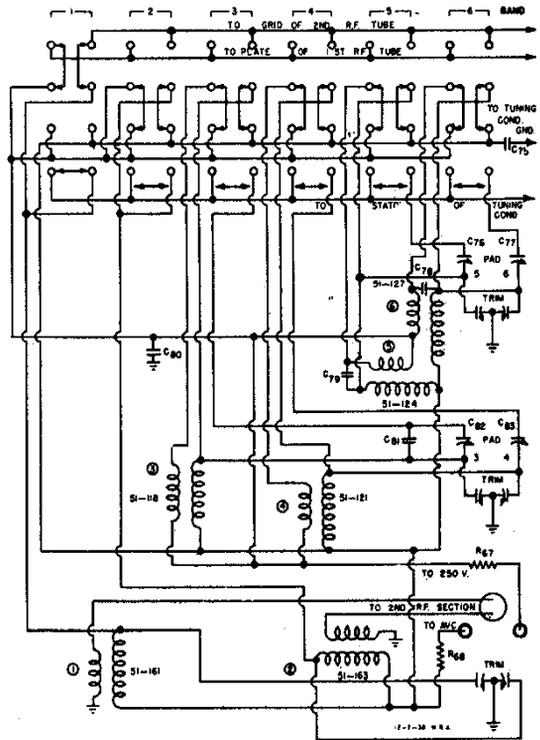
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MODEL DD-1
Dual Diversity
Detailed Schematics

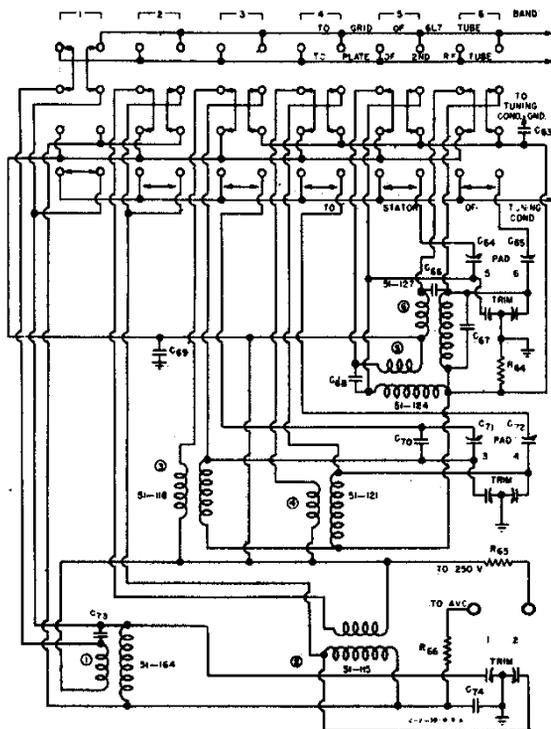
ANTENNA SECTION



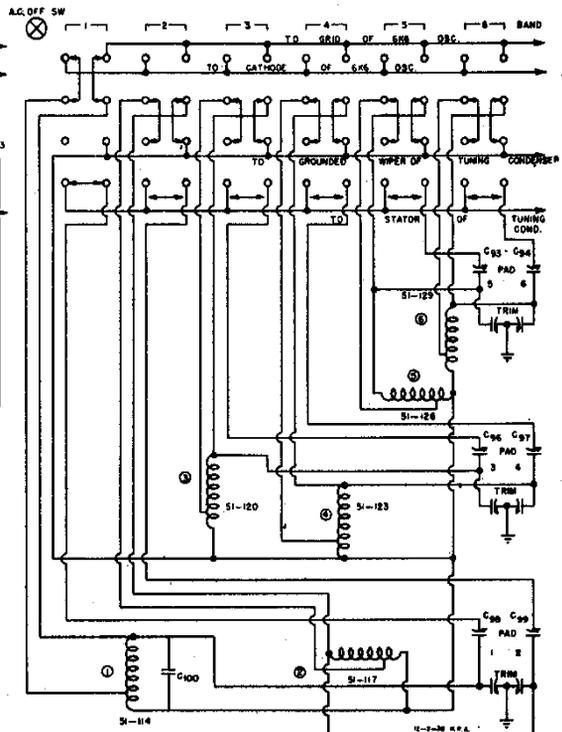
1ST R.F. SECTION



2ND R.F. SECTION



OSCILLATOR SECTION



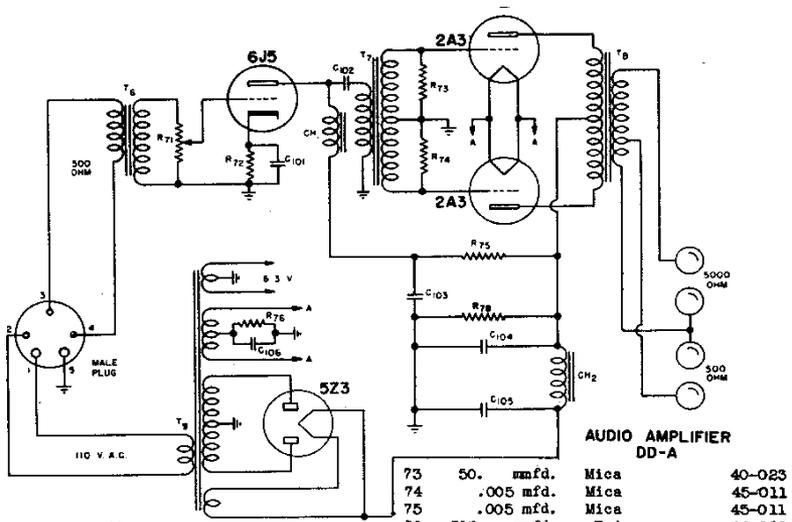
RESISTOR PARTS LIST MODEL DD-1

NO.	VALUE OHMS	WATTAGE	PARTS NO.
R1	50,000	1/3	20-084
2	3,500	2	22-126
3	30,000	1	22-075
4	30,000	1	22-075
5	600	1/3	22-128
6	120	1/3	22-127
7	35	1/3	20-115
8	60,000	1/3	22-056
9	120	1/3	22-127
10	60,000	1/3	22-056
11	35	1/3	20-115
12	120	1/3	20-116
13	35	1/3	20-115
14	60,000	1/3	22-056
15	120	1/3	22-127
16	35	1/3	20-115
17	60,000	1/3	22-056
18	5,000	1	22-051
19	500,000	Audio Gain	25-038
20	4,000	1/3	22-050
21	100,000	Tone Control	25-037
22	50,000	1/3	20-084
23	400	1/3	22-025
24	500	1/3	22-026
25	50,000	1	22-061
26	1,000	1/3	20-033
27	1,000	1/3	20-033
28	15,000	1/3	22-068
29	30,000	1/3	22-077
30	300	1/3	22-020
31	20,000	1	20-072
32	1,000	1/3	20-033
33	1,000	1/3	20-033
34	1,000	1/3	20-033
35	25,000	1/3	22-074
36	15,000	1/3	22-068
37	15,000	2	22-129
38	300	1/3	22-020
39	1,000	1/3	20-033
40	1,000	1/3	20-033
41	20,000	1/3	20-072
42	5,000	1/3	22-063
43	10,000	1/3	20-063
44	1,000,000	1/3	20-108
45	100,000	1/3	20-093
46	1,000,000	1/3	20-108
47	500,000	1/3	22-098
48	100,000	1/3	20-093
49	250,000	1/3	20-099
50	750,000	1/3	22-104
51	500,000	1/3	22-098
52	50,000	1/3	20-064
53	20,000	1	20-070
54	2,500	Mes. R.F. Gain	25-122
55	1,000	Bal. Control	25-035
56	1,000	Bal. Control	35
57	600	1/3	22-125
58	600	1/3	22-125
59	600	1/3	22-125

NO.	VALUE OHMS	WATTAGE	PARTS NO.
60	600	1/3	22-125
61	200	1/3	22-014
62	200	1/3	22-014
63	600	1/3	22-125
64	100,000	1/3	20-093
65	1,000	1/3	20-033
66	100,000	1/3	20-093
67	1,000	1/3	20-033
68	100,000	1/3	20-093
69	100,000	1/3	20-093
70	100,000	1/3	20-093
71	250,000	A.F. Gain Con.	25-038
72	1,000	1	22-030
73	100,000	1/2	22-091
74	100,000	1/2	22-091
75	10,000	2	24-042
76	750	10	26-000
77	10,000	20	26-002
78	30,000	20	26-001

CONDENSER PARTS LIST MODEL DD-1

NO.	CAPACITY	TYPE	VOLT-AGE	PART NO.
C1				
2		Main		48-023
3	440	mmfd.		
4		per section		
5		"		48-024
6		"		
7		"		
8	100	mmfd.		40-011
9	.01	mfd.	600	45-002
10	.05	mfd.	400	41-005
11	.01	mfd.		43-022
12	.05	mfd.	200	41-004
13	.05	mfd.	400	41-006
14	15	mmfd.		40-022
15	.01	mfd.		43-022
16	.05	mfd.	200	41-004
17	.05	mfd.	400	41-005
18	.01	mfd.		43-022
19	.05	mfd.	400	41-005
20	.01	mfd.		43-022
21	1	mfd.	200	41-012
22	.05	mfd.	400	41-005
23	.01	mfd.		41-022
24	1	mfd.	200	41-012
25	.05	mfd.	400	41-005
26	.01	mfd.		43-022
27	.01	mfd.	400	41-001
28	.01	mfd.		41-022
29	.01	mfd.		41-022
30	20.	mfd.	25	42-025
31	.02	mfd.	200	41-002
32	10.	mfd.	250	42-007
33	.02	mfd.	400	41-003
34	.05	mfd.	600	45-007
35	.01	mfd.	400	41-001
36	25.	mmfd.	Air	48-012
37	1.	mmfd.	Air	48-027
38	.05	mfd.	400	41-005



NO.	VALUE	TYPE	PART NO.	
73	50.	mmfd.	Mica	40-023
74	.005	mfd.	Mica	45-011
75	.005	mfd.	Mica	45-011
76	315.	mmfd.	Pad	44-028
77	100.	mmfd.	Pad	
78	15.	mmfd.	Mica	40-022
79	10.	mmfd.	Mica	40-021
80	.002	mfd.	Mica	40-013
81	1500.	mmfd.	Mica	43-021
82	2200.	mmfd.	Pad	44-029
83	440.	mmfd.	Pad	
84	.005	mfd.	Mica	45-011
85	315.	mmfd.	Pad	44-028
86	100.	mmfd.	Pad	
87	25.	mmfd.	Mica	40-024
88	1000.	mmfd.	Mica	40-011
89	2200.	mmfd.	Pad	44-029
90	440.	mmfd.	Pad	
91	25.	mmfd.	Mica	40-024
92	25.	mmfd.	Mica	40-024
93	230.	mmfd.	Pad	44-030
94	90.	mmfd.	Pad	
95				
96	1120.	mmfd.	Pad	44-031
97	340.	mmfd.	Pad	
98	540.	mmfd.	Pad	44-032
99	1.070	mmfd.	Pad	
100	6	mmfd.	Mica	40-025
101	10.	mmfd.	Elec.	50
102	.1	mfd.		600
103	1.	mfd.		400
104	16.	mfd.		475
105	16.	mfd.		475
106	20.	mfd.		100
107	16.	mfd.		400
108	16.	mfd.		400
109	.1	mfd.		200

MODEL DD-1, Dual Diversity
 Socket, Trimmers
 Alignment, Part 2

THE HALLICRAFTERS INC.

BEAT FREQUENCY OSCILLATOR ADJUSTMENTS

Place the B.F.O. Key in the Heterodyne position.

With 455 KC signal from generator feeding into the "A" 6L7 converter and receiver "A" functioning, and the chassis standing on its left end (looking at set from the front) adjust the padding condenser inside the B.F.O. Shield can until zero beat is reached. The B.F.O. shield can is located directly behind the pitch control. Prior to making this adjustment assure yourself that the PITCH CONTROL condenser is at 50% capacity pointer on control positioned vertically). When properly adjusted, rotation of the pitch control condenser will show two beat note signals 180 degrees apart.

S METER ADJUSTMENT

Push in No. 6 Band Button. With gain controls at maximum, adjust the zero reset control on all meters for zero.

NOTES:

If overload occurs on the broadcast band it might be advisable to shorten the length of the receiving antennas. If this recommendation is of little help check for a short to ground in the A.V.C. circuit.

Should the occasion of examining the coil units arise, exercise extreme care in moving the heavy leads attached to the switch terminals. Excessive movement of one of these leads may cause the contacting portion of the switch to be thrown out of alignment and provide improper contact.

If it becomes difficult to properly heterodyne a strong signal when listening to C. W. reception, reduce the overall gain with the master gain control 'till a satisfactory note is obtained.

