





## Model 645

### Schematic Number

Schematic Number	Part and Description	Part No.
1	Wave Band Switch	42-1153
2	Wave Trap	38-6850
3	Compensater (Ant. Standard)	31-6058
4	Compensater (Ant. Police)	
5	Compensater (Ant. Short-Wave)	32-1867
6	Ant. Transformer	
7	Condenser (.09 mf. Bakelite)	4989-SG
8	Pilot Lamp (Dial)	34-2039
9	Condenser (.05 mf. Tubular)	30-4020
10	Det. Transformer	32-1868
11	Compensater (Det. Standard)	31-6063
12	Compensater (Det. Police)	
13	Compensater (Det. Short-Wave)	30-1029
14	Condenser (50 mmf.)	
15	Condenser (.05 Bakelite)	3615-SG
16	Resistor (51,000 ohms, 1/4 watt)	33-351143
17	Condenser (.00025 mf. Mica)	30-1056
18	Compensater (Osc. Standard)	31-6058
19	Compensater (Osc. Police)	
20	Compensater (Osc. Short-Wave)	32-1976
21	Osc. Transformer	
22	Compensater (Short-Wave Series)	31-6027
23	Condenser (.0025 mf. Mica)	7006
24	Compensater (Police Series)	31-6073
25	Compensater (Standard Series)	Part of 26
26	Tuning Condenser Assy.	31-1555
27	Compensater (1st I.F. Pri.)	31-6053
28	1st I.F. Transformer	32-1917
29	Compensater (1st I.F. Sec.)	Part of 28
30	Resistor (1.0 Meg., 1/4 watt)	33-510143
31	Resistor (51,000 ohm, 1/4 watt)	33-351143
32	Compensater (2nd I.F. Pri.)	31-6053
33	2nd I.F. Transformer	32-1836
34	Compensater (2nd I.F. Sec.)	Part of 30
35	Condenser (.00011 mf. Mica)	30-1031
36	Condenser (.00011 mf. Twin Bakelite)	8035-DG
37	Condenser (.00011 mf.)	Part of 30
38	Resistor (51,000 ohm, 1/4 watt)	33-351143
39	Resistor (330,000 ohm, 1/4 watt)	33-433133
40	Resistor (1.0 Meg., 1/4 watt)	33-510143
41	Resistor (25,000 ohm, 1/2 watt)	33-325243
42	Condenser (.05 mf. Tubular)	30-4020
43	Condenser (.015 mf.)	Part of 30
44	Condenser (.01 mf. Bakelite)	1903-SU
45	Volume Control (1.0 Meg. ohm)	33-5113
46	Condenser (.00011 mf. Mica)	30-1031
47	Condenser (.05 mf. Tubular)	30-4020
48	Condenser (.06 mf. Tubular)	36-4123
49	Resistor (32,000 ohm, 1/2 watt)	33-332333
50	Resistor (99,000 ohm, 1/2 watt)	33-399343
51	Resistor (.3 mf. Twin Bakelite)	6287-DU
52	Elec. Condenser (1.0 mf., 1.0 mf., 2.0 mf.)	30-2080
53	Audio Input Transformer	32-7532
54	Condenser (.002 mf. Twin Bakelite)	7296-DU
55	Condenser (.002 mf.)	Part of 54
56	Output Transformer	2585
57	Voice Coil Cone Assy. (B. G. K.11)	36-3159
58	Field Coil Assy. (B. G. K. 31)	36-3463
59	Electrolytic Condenser (8. mf.)	30-2025
60	Electrolytic Condenser (12. mf.)	30-2117
61	Resistor (25,000 ohm, 1/2 watt)	33-325243
62	Condenser (.05 mf. Bakelite)	3615-SG

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Schematic Number	Part and Description	Part No.
63	Program Control	30-4406
64	Condenser (.09 mf. Twin Bakelite)	4989-DG
65	B.C. Resistor (136 ohm, 24 ohm)	33-3236
66	Resistor (200,000 ohm, 1 watt)	33-320433
67	Resistor (490,000 ohm, 1/4 watt)	33-449143
68	Resistor (1.0 meg. ohm, 1/4 watt)	33-510143
69	Resistor (16,000 ohm, 3 watt)	33-316633
70	Pilot Lamp (Shadow Meter)	34-2064
71	Shadow Meter	45-2083
72	Resistor (15,000 ohm, 1/4 watt)	33-315133
73	Electrolytic Condenser (1.0 mf.)	Part of 72
74	Resistor (15,000 ohm, 1/4 watt)	Part of 72
75	Condenser (.09 mf.)	Part of 72
76	Electrolytic Condenser (2.0 mf.)	Part of 72
77	Power Transformer (110 V., 60 cycle)	32-7462
78	Condenser (.015 mf. Twin Bakelite)	3793-DG
79	Condenser (.05 mf. Tubular)	30-4020
80	Power Transformer (115 V., 25 cycle)	32-7407
81	Power Transformer (220 V., 50-60 cycle)	32-7464
82	4-prong Socket	27-6044
83	6-prong Socket	27-6036
84	7-prong Socket	27-6037
85	Speaker Socket	27-6043
86	K.F. Transformer Shield	38-6921
87	I.F. Transformer Shield	38-6808
88	Tube Shield Base	28-2725
89	Tube Shield Body	28-2726
90	Shadow Meter Light Shield	28-2917
91	Electrolytic Condenser Clamp	6440
92	Electrolytic Condenser Insulator	27-1194
93	Dial Hub Assy.	25-5165
94	Dial Hub Assy.	31-1724
95	Screen Bracket Assy.	29-3061
96	Scale Guard	27-8140
97	Glowing Arrow Mask	27-1460
98	Glowing Arrow Screen	27-5159
99	Mask Arm	29-3274
100	Link	29-3338
101	Coupling	29-3339
102	Sub. Base Mtg. Foot	29-2959
103	Chassis Mtg. Screw	W-1496-A
104	Chassis Mtg. Washer (Rubber)	27-4201
105	Chassis Mtg. Cushion (Rubber)	27-4202
106	Knob (Tuning)	27-4206
107	Knob (Slow Speed Tuning)	27-4207
108	Knob (Volume, Tone)	27-4208
109	Knob (Wave Band)	27-4225
110	Bezel	W-3164
111	Bezel Mounting Screw	W-1494
112	Bezel Glass	27-8113
113	Bezel Glass Gasket	27-8016
114	Shadow Screen	27-5120
115	Speaker Cable	02722
116	Bottom Shield	38-7189
117	Mask	28-3433
118	Pilot Lamp Bracket Assy.	38-6789
119	Front Bumper	27-4200
120	Speaker Mtg. Bolt	29-3128
121	Speaker Mtg. Nut	W-124-A
122	Voice Coil Cone Assy. (Furn. H-21)	02625
123	Field Coil Assy. (Furn. H-21)	36-3461
124	G. Elec. Condenser (2.0 mf.)	Part of 30-2080
125	F. Resistor (32,000 ohm)	3525