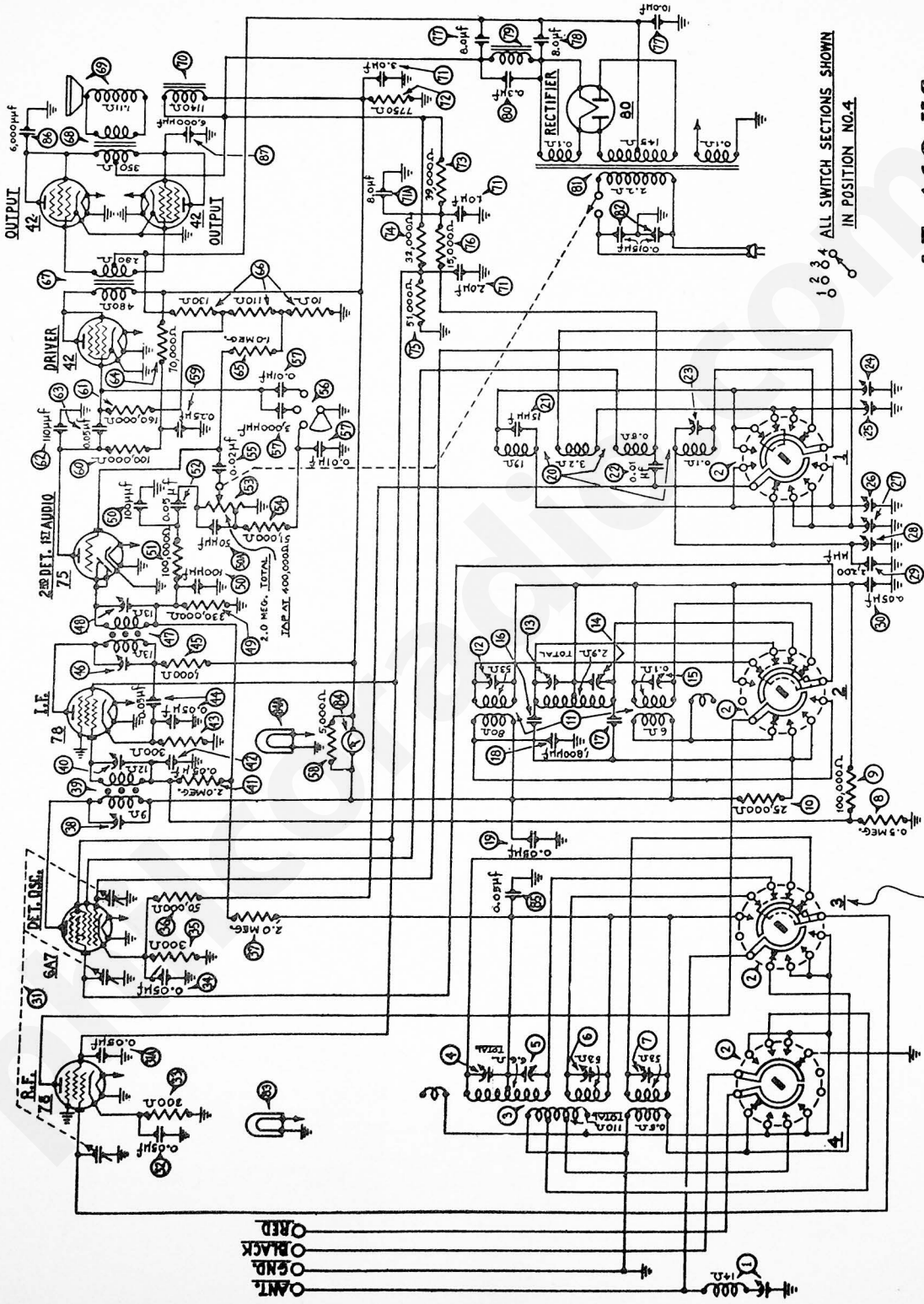


# MODEL 650

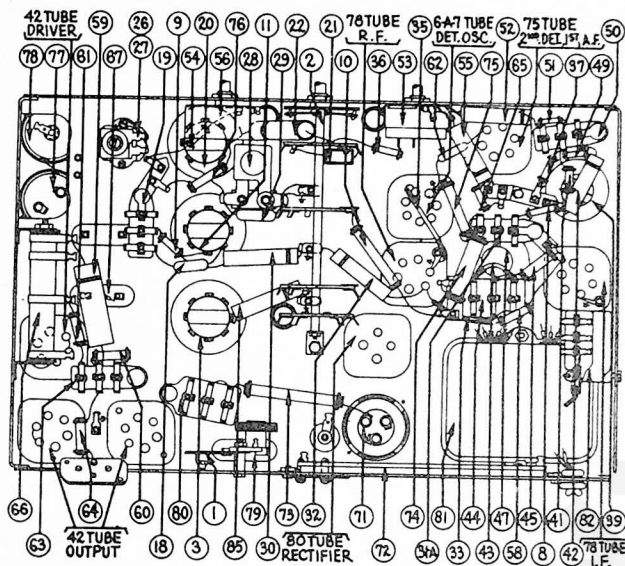


10 20 30 40 ALL SWITCH SECTIONS SHOWN IN POSITION NO.4

I.F. = 460 KC.

NUMBERS INDICATE RELATIVE POSITIONS OF SWITCH SECTIONS FROM FRONT OF CHASSIS

# Replacement Parts—Model 650



①	Description	Part No.
①	Wave Trap.....	38-6850
②	Waveband Switch.....	42-1114
③	Antenna Transformer.....	32-1708
④	Compensating Condenser (Ant.) (Police).....	Part of ①
⑤	Compensating Condenser (Ant.) (Standard).....	Part of ①
⑥	Compensating Condenser (Ant.) (Longwave).....	Part of ①
⑦	Compensating Condenser (Ant.) (Shortwave).....	Part of ①
⑧	Resistor (.5 meg.) (Yellow-White-Yellow).....	*6097
⑨	Resistor (100000 ohms) (White-White-Yellow).....	6099
⑩	Resistor (25000 ohms) (Red-Green-Yellow).....	3656
⑪	R.F. Transformer.....	32-1709
⑫	Compensating Condenser (R.F. Longwave).....	Part of ⑪
⑬	Compensating Condenser (R.F. Broadcast).....	Part of ⑪
⑭	Compensating Condenser (R.F. Police).....	Part of ⑪
⑮	Compensating Condenser (R.F. Shortwave).....	Part of ⑪
⑯	Condenser.....	Part of ⑪
⑰	Condenser.....	Part of ⑪
⑱	Condenser (.0018 Mfd. Mica).....	6018
⑲	Condenser (.05 Mfd. Bakelite Block).....	3615-SG
⑳	Oscillator Transformer.....	32-1710
㉑	Condenser (.00015 Mfd. Mica).....	30-1030
㉒	Condenser (.01 Mfd. Tubular).....	*30-4145
㉓	Compensating Condenser (Osc. S.W.).....	Part of ㉒
㉔	Compensating Condenser (Osc. Longwave).....	Part of ㉒
㉕	Compensating Condenser (Osc. B.C. & Police).....	Part of ㉒
㉖	Compensating Condenser (Osc. L.W. Series) Part of	31-6044
㉗	Compensating Condenser (Osc. B.C. Series) Part of	31-6044
㉘	Compensating Condenser (Osc. S.W. Series).....	04000-R
㉙	Condenser (.0022 Mfd. Mica).....	30-1057
㉚	Condenser (.05 Mfd. Tubular).....	30-4020
㉛	Tuning Condenser Assembly.....	31-1555
㉜	Condenser (.05 Mfd. Bakelite Block).....	3615-SG
㉝	Condenser (.05 Mfd. Tubular).....	30-4020
㉞	Resistor (300 ohms) (Orange-Black-Black).....	33-3010
㉟	Condenser (.05 Mfd. Tubular) (On top of chassis)	30-4327
㊱	Resistor (300 ohms Flexible) (Orange-Black-Black)	33-3010
㊲	Resistor (50000 ohms) (Green-Brown-Orange).....	6098
㊳	Resistor (2 Megs.) (Red-Black-Green).....	33-1025
㊴	Compensating Condenser (1st I.F. Primary).....	Part of ㉞
㊵	1st I.F. Transformer.....	32-1835
㊶	Compensating Condenser (1st I.F. Secondary).....	Part of ㉞

④	Description	Part No.
④	Resistor (2 Megs.) (Red-Black-Green).....	33-1025
⑤	Condenser (.05 Mfd. Tubular).....	30-4020
⑥	Resistor (300 ohms Flexible) (Orange-Black-Black)	33-3010
⑦	Condenser (.05 Mfd. Twin Bakelite Block).....	8035-DU
⑧	Resistor (1000 ohms) (Brown-Black-Red).....	5837
⑨	Compensating Condenser (2d I.F. Primary).....	Part of ㉞
⑩	2d I.F. Transformer.....	32-1836
⑪	Compensating Condenser (2d I.F. Secondary).....	Part of ㉞
⑫	Resistor (330000 ohms) (Orange-Orange-Yellow)	33-1200
⑬	Condenser (.00011 Mfd. Twin Bakelite Block).....	8035-DG
⑭	Condenser (.00005 Mfd. Mica) (Not shown Fig. 3)	30-1029
⑮	Resistor (100000 ohms) (White-White-Orange).....	6099
⑯	Condenser (.05 Mfd. Tubular).....	30-4020
⑰	Volume Control and On-Off Switch.....	33-5108
⑱	Resistor (51000 ohms) (Green-Brown-Orange).....	6098
⑲	Condenser (.02 Mfd. Tubular).....	30-4113
㉑	Tone Control.....	30-4343
㉒	Condensers in Tone Control.....	Part of ㉑
㉓	Resistor (5000 ohms) (Green-Black-Red).....	5310
㉔	Condenser (.25 Mfd. Tubular).....	30-4134
㉕	Resistor (100000 ohms) (White-White-Orange).....	6099
㉖	Resistor (160000 ohms) (Brown-Blue-Yellow).....	33-1191
㉗	Condenser (.00011 Mfd. Mica).....	30-1031
㉘	Condenser (.05 Mfd. Bakelite Block).....	3615-SU
㉙	Resistor (70000 ohms) (Violet-Black-Orange).....	5385
㉚	Resistor (1 Meg.) (Brown-Black-Green).....	33-1096
㉛	B.C. Resistor (Wirewound) (10 ohms, 110 ohms, 130 ohms).....	33-3137
㉜	Input Transformer.....	32-7114
㉝	Output Transformer.....	32-7078
㉞	Cone and Voice Coil Assembly (H-13).....	02625
㉟	Cone and Voice Coil Assembly (K-17).....	02996
㊱	Field Coil and Pot Assembly (H-13 or K-17).....	36-3104
㊲	Condenser (Electrolytic—3 Mfd., 1 Mfd., 2 Mfd.)	30-2122
㊳	Resistor (Wirewound) (7750 ohms).....	33-3211
㊴	Resistor (39000 ohms) (Orange-White-Orange).....	33-1027
㊵	Resistor (32000 ohms) (Orange-Red-Orange).....	33-1026
㊶	Resistor (51000 ohms) (Green-Brown-Orange).....	4237
㊷	Resistor (15000 ohms) (Brown-Green-Orange).....	6208
㊸	Condenser (Electrolytic—8 Mfd., 10 Mfd.).....	30-2045
㊹	Condenser (Electrolytic—8 Mfd.).....	330-2025
㊺	Filter Choke.....	32-7115
㊻	Condenser (.3 Mfd. Bakelite Block).....	*6287-DU
㊼	Power Transformer.....	110 Volts 60 Cycles..... 32-7402 110 Volts 25 Cycles..... 32-7403 230 Volts 50 Cycles..... 32-7404
㊽	Condenser (.015 Mfd. Twin Bakelite Block).....	3793-DG
㊾	Pilot Lamp (Dial).....	34-2064
㊿	Shadow Tuning Meter.....	*945-2086
①	Pilot Lamp (Shadowmeter).....	Part of ㊿
②	Condenser (.05 Mfd. Tubular).....	30-4020
③	Condenser (.006 Mfd. Tubular).....	30-4125
④	Condenser (.006 Mfd. Tubular).....	30-4125
⑤	Dial Scale.....	27-5103
⑥	Dial Hub and Set Screw Assembly.....	31-1550
⑦	Dial Spring Clamp.....	28-2837
⑧	Tube Shield.....	28-2726
⑨	Tube Shield Base.....	28-2725
⑩	Socket (4-Prong).....	27-6034
⑪	Socket (6-Prong).....	27-6036
⑫	Socket (7-Prong).....	27-6037
⑬	Socket (Speaker Plug).....	27-6033
⑭	Knob (Station Selector).....	27-4206
⑮	Knob (Fine Tuning).....	27-4207
⑯	Knob (Waveband).....	27-4219
⑰	Knob (Volume Control or Tone Control).....	27-4208
⑱	Bezel.....	28-2933
⑲	Glass.....	27-7931
㉑	Chassis Mtg. Screw.....	W-1495
㉒	Chassis Mtg. Washer.....	27-4198
㉓	Chassis Mtg. Rubber Bumper.....	27-4197

▲ Omitted after Run 5.

\*In Model 650A (115 Volts 25 Cycles) this is part No. 04357,  
†In Code 122 (650X, 650MX, 650H) this is part No. 30-2014.

\*\*In Code 122 (650X, 650MX, 650H) this is part No. 45-2082  
‡ After Run 2, this is 30-1032 mica, List .35.