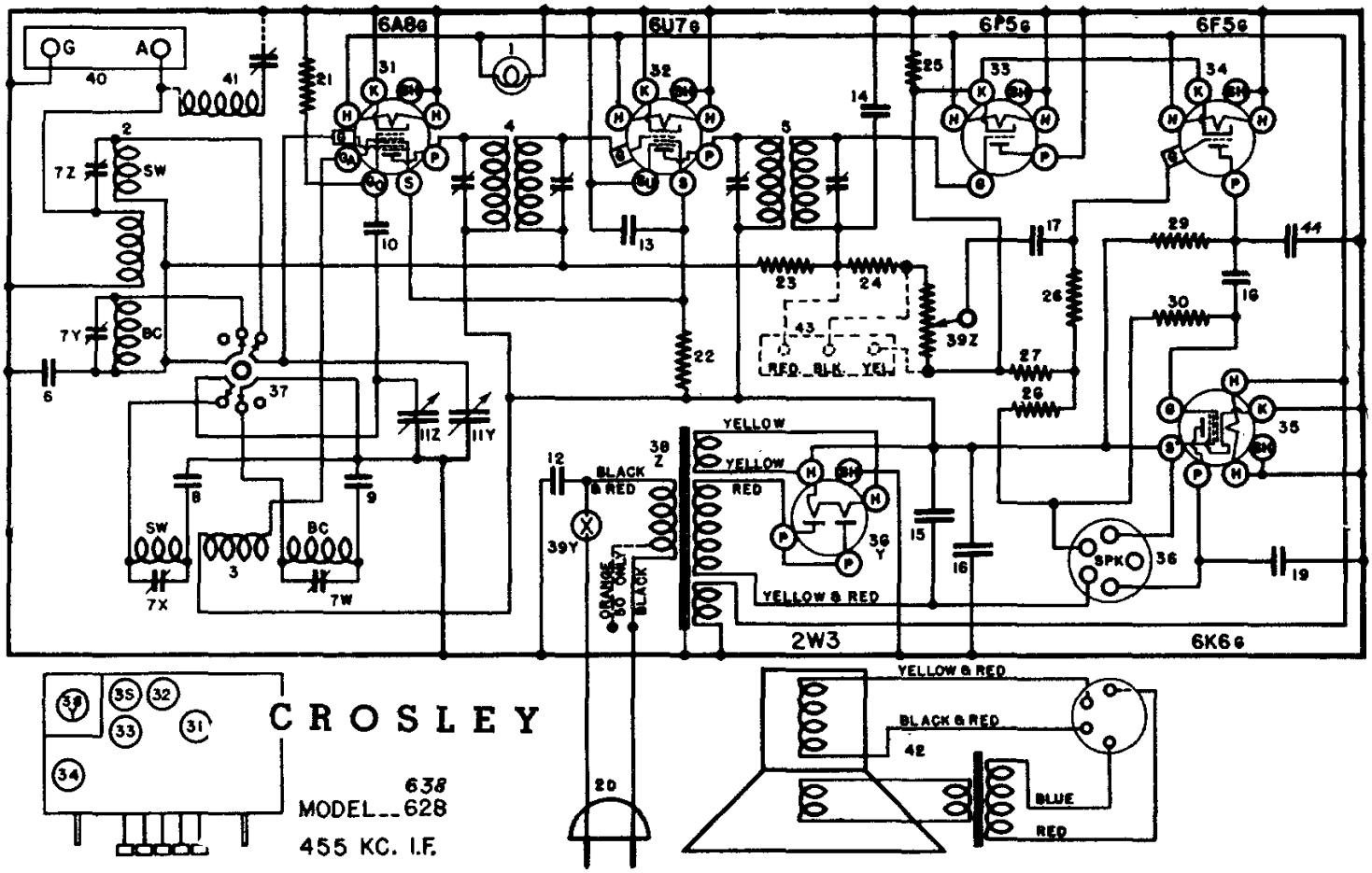

WIRING DIAGRAM—MODEL 628—638—5628

Figures in first column refer to parts in Diagrams.

Item No.	Part No.	Description
1	W —37922	Dial Light 6-8 Volt
	G12 —45398	Dial Light Socket
2	G174—32000	*Antenna Coil*, B-C and S-W.
3	G175—32002	Oscillator Coil, B-C and S-W.
4	G187—32004	1st I-F Assy., 455 Kc.
5	G188—32004	2nd I-F Assy., 455 Kc.
6	W —36541	Condenser, .02 Mf., 160 V.
7	W —41247A	4 Section Trimmer Assy.
8	G13 —34005	Condenser, .0014 Mf., Molded
9	G18 —34002	Condenser, .0004 Mf., Molded
10	G5 —34002	Condenser, .00005 Mf., Molded
11	G55 —33001	2 Section Gang Condenser
	C —45747	Glass Dial Face (628-638)
	W —46872	Glass Dial Face (5628)
	W —46397	Dial Hand (Pointer)
	B —45743B	Dial Support Bracket
	W —45984	L. H. Dial Mtg. Clip
	W —45985	R. H. Dial Mtg. Clip
	W —46037A	Dial Hand Guide
	W —45766C	Felt Strip
	—45865	Manual Drive Shaft (628-5628)
	—46056	Manual Drive Shaft (638)
	W —43542B	*Mounting Bracket Drive Shaft*
	G12 —43564	Pulley & Hub Assy.
	G2 —41682	Drive Cord
	W —50607B	Cord Tension Spring
	W —46290	Drive Cord Clamp
12	W —30805	Condenser, .01 Mf., 400 V.
13	W —28621	Condenser, .02 Mf., 200 V.
14	G1 —34002	Condenser, .00025 Mf., Molded
15	W —44012	Condenser 16 Mf., 250 V., Elec.
16.	W —45968	Condenser 16 Mf., 250 V., Elec.
17	W —28619	Condenser, .006 Mf., 200 V.
18	W —28621	Condenser, .02 Mf., 200 V.
19	W —34847	Condenser, .006 Mf., 400 V.
20	B —45769	Power Cord and Plug
21	—36761	Resistor, 40,000 Ohm, ¼ W.
22	—33390	Resistor, 30,000 Ohm, 1/3 W.
23	—26577	Resistor, 3 Megohm, 1/3 W.
24	—21875	Resistor 100,000 Ohm, 1/3 W.
25	WAS—A 60 Ohm	½ W. Resistor from 6P5 Cathode to Gnd. (Deleted)
26	—37584	Resistor, 11 *Megohm*, 1/3 W.
27	WAS—A 40 Ohm	½ W. Resistor from 6P5 Cathode to Junction of Items 26 and 28 (Deleted)
28	W —21965	Resistor, 375 Ohm, 1 W (was 275 Ohm)
29	—21455	Resistor, 300,000 Ohm, 1/3 W.
30	—23785	Resistor, 500,000 Ohm, 1/3 W.
31	G178—36400	Socket, 8 Prong
32	G178—36400	Socket, 8 Prong
33	G178—36400	Socket, 8 Prong
34	G178—36400	Socket, 8 Prong
35	G178—36400	Socket, 8 Prong
	W —40911	Tube Shield
36	G103—28807	Socket, Speaker Plug
37	—45901	Band Switch

Item No.	Part No.	Description
	—45940	Power Trans., 50 Cycle, 220 V.
39Z, 39Y	—45864	Vol. Cont., 1 Meg. (628-5628) Line Switch
39Z, 39Y	—46314	Vol. Cont., 1 Meg. (638) Line Switch
40	G1 —26719	A.-G. Terminal Assy.
41	G193—32004	456 Kc. Wave Trap
42	279-BP-12"U"	Speaker
	—46121	Output Transformer
43	G41 —26719	Phono. Terminal Assy.
44	G7 —34002	Condenser, .0004 Mf., Molded
	G3 —45683	Push Button Unit (628-5628)
	G11 —45663	Push Button Unit (638)
	G32 —45683	Riveted Key & Toggle (628-5628)
	G26 —45683	Riveted Key & Toggle (638)
	W —50542C	Key Lock Clamp
	—45717	1 7/16 6x32 Lock Clamp Screw
	W —50607B	Spring, Key Return
	G22 —45663	Rocker & Gear Segment Assy.
	W —50561	⅛ 6x40 Screw (Rocker Plate Bearing)
	W —50588B	*Adjusting Clip*
	—45242	Rubber Foot (828-5628)
		Model 628
	—8AA	Cabinet (Brown)
	W —43552	Clamp, Speaker Plug
	—45957	Knob, Band Switch
	—45771	Knob, V. C. & Tuning
	—50841	Station Call List
	—45553B	Push Button
	W —80551A	Celluloid Call Letter Cover
		Model 638
	—8G	Cabinet (Wood Has Inlays)
	—8K	Cabinet (Wood)
	—46399C	Escutcheon
	D—30	Screws, Escutcheon Mtg.
	—46407	Knob, Band Switch
	—45408	Knob, V. C. & Tuning
	—50841	Station Call List
	W —50551A	*Celluloid Cover*
	—46417	Push Button
		Model 5628
	—8AB	Cabinet (Red)
	—8AC	Cabinet (Ivory)
	—44552	Knob, V. C. & Tuning
	—44934	Knob, Band Switch
	—46887	Station Call List
	W —50551A	Call Letter Cover
	—50617	Push Button
	—45910	Instructions (628)
	—46326	Instructions (638)
	—46897	Instructions (5628)