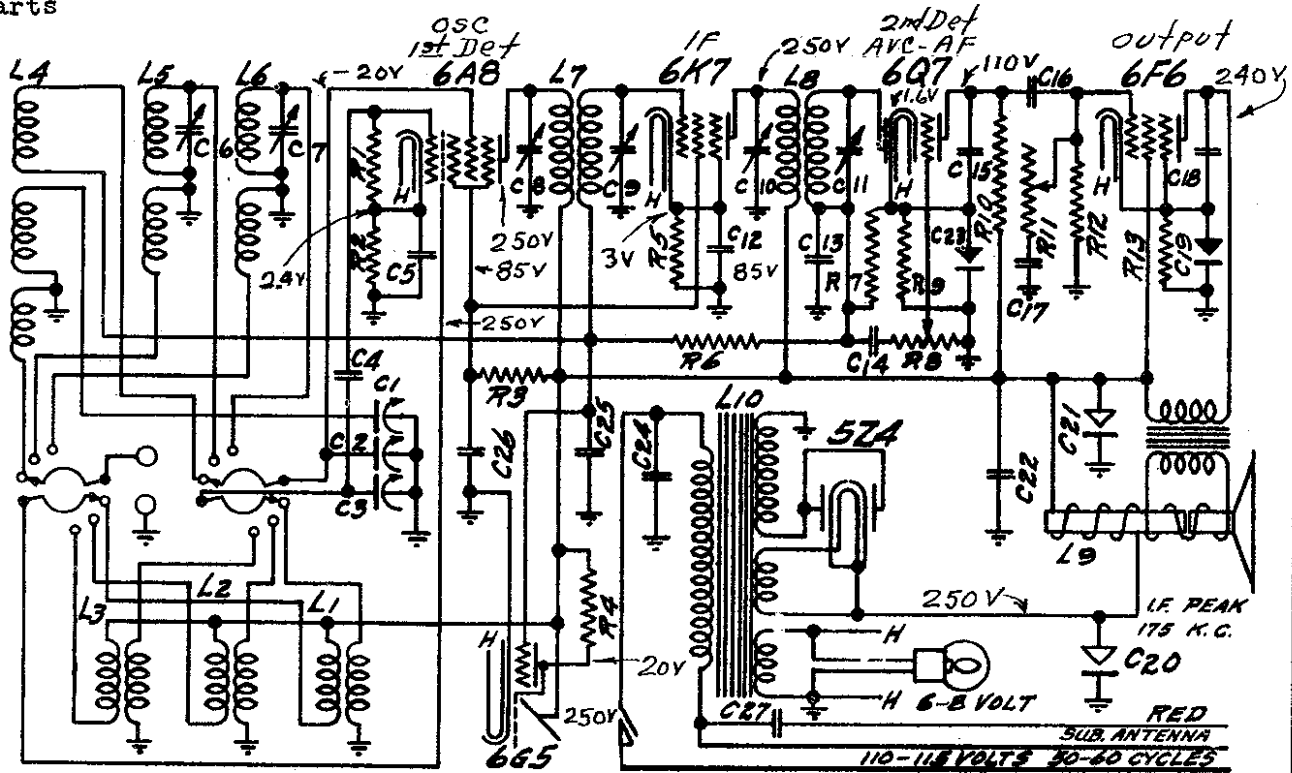


MODELS 6F6, 6FB6  
Schematic, Voltage  
Socket, Alignment  
Parts

WILCOX-GAY CORP.



R1	53-898	50,000 Ohm Oscillator Grid Resistor	C21	18-2006	18 Mfd. 250 W.V. Electrolytic Condenser
R2	53-1062	250 Ohm Oscillator Cathode Resistor	C22	75-2012	.5 Mfd. 400 Volt Paper B Supply By-Pass Cond.
R3	53-898	50,000 Ohm R.F. & I.F. Screen Resistor	C23	18-928	25 Mfd. 25 Volt Elect. 6Q7 Cathode By-Pass Cond.
R4	53-926	1 Meg Ohm 6G5 Triode Plate Resistor	C24	75-2003	.01 Mfd. 400 Volt Paper Line By-Pass Cond.
R5	53-1063	500 Ohm I.F. Cathode Resistor	C25	75-2005	.1 Mfd. 200 Volt Paper A.V.C. Network By-Pass Cond.
R6	53-926	1 Meg Ohm A.V.C. Network Resistor	C26	75-2005	.1 Mfd. 200 V. Paper R.F. & I.F. Screen By-Pass Cond.
R7	53-925	500,000 Ohm Diode Load Resistor	C27	75-2003	.01 Mfd. 400 Volt Paper Sub. Antenna Cond.
R8	19-1311	500,000 Ohm Volume Control	L1	17-2106	Broadcast Oscillator Coil Assembly
R9	53-919	5,000 Ohm 6Q7 Cathode Resistor	L2	17-2106	Police Band Oscillator Coil Assembly
R10	53-924	250,000 Ohm 6Q7 Plate Resistor	L3	17-2096	Foreign Band Oscillator Coil Assembly
R11	19-1317	250,000 Ohm Tone Control	L4	17-2100	Broadcast Preselector Coil Assembly
R12	53-925	500,000 Ohm 6F6 Grid Resistor	L5	17-2104	Police Band Preselector Coil Assembly
R13	53-1063	500 Ohm 6F6 Cathode Resistor	L6	17-2096	Foreign Band Preselector Coil Assembly
C1	77-833	366 MMFD. Preselector Section of 3 Gang	L7	68-2026	First I.F. Transformer Assembly
C2	77-833	366 MMFD. Preselector Section of 3 Gang	L8	68-2024	Second I.F. Transformer Assembly
C3	77-833	328 MMFD. Oscillator Section of 3 Gang	L9	64-2030	12" Speaker 1500 Ohm Field, 6F6 Trans.
C4	78-2002	.00005 Mfd. Mica Osc. Grid Condenser	L10	64-2022	8" Speaker, 1500 Ohm Field, 6F6 Trans.
C5	75-2005	.1 Mfd. 200 Volt Paper 6A8 Cathode Cond.		80-2017	Power Transformer
C6	78-1587	5-50 MMFD. Police Band Pres. Trimmer Cond.			
C7	78-1587	5-50 MMFD. Foreign Band Pres. Trimmer Cond.			
C8	78-2008	First I.F. Primary Trimmer Condenser			
C9	78-2011	First I.F. Secondary Trimmer Condenser			
C10	78-2008	Second I.F. Primary Trimmer Condenser			
C11	78-2013	Second I.F. Secondary Trimmer Condenser			
C12	75-2005	.1 Mfd. 200 Volt Paper 6K7 Cathode Cond.			
C13	76-307	.0005 Mfd. Diode Filter Condenser			
C14	75-2005	.1 Mfd. 200 Volt Paper Audio Feed Cond.			
C15	76-266	.001 Mfd. Mica 6Q7 Plate Filter Cond.			
C16	75-2005	.1 Mfd. 200 Volt Paper Audio Feed Cond.			
C17	75-2003	.01 Mfd. 400 Volt Tone Control Cond.			
C18	75-2001	.002 Mfd. 600 Volt Paper 6F6 Plate Filter Cond			
C19	18-928	25 Mfd. 25 Volt Dry Electrolytic Condenser			
C20	19-2006	12 Mfd. 325 W.V. Electrolytic Condenser			

MODEL 6F6, 6FB6

FREQUENCY RANGE -

1500 to 550 KC  
4 to 1.5 MC  
15.5 to 5.5 MC

BROADCAST - Gen. to ANT lead thru standard dummy antenna, set at 1400 KC, trim OSC trimmer, then Pre-selector trimmers to maximum peak. Pad OSC circuit at 600 KC while rocking gang.

FOREIGN - Generator to 15 MC, locate signal on dial, peak Pre-selector trimmers to maximum. Check at 6 MC.

POLICE - Generator to 3.5 MC, locate the signal on dial, adjust Pre-selector trimmers to peak. Repeat adjustments for maximum response.

CONVENTION ALIGNMENT PROCEDURE  
( see special section)

