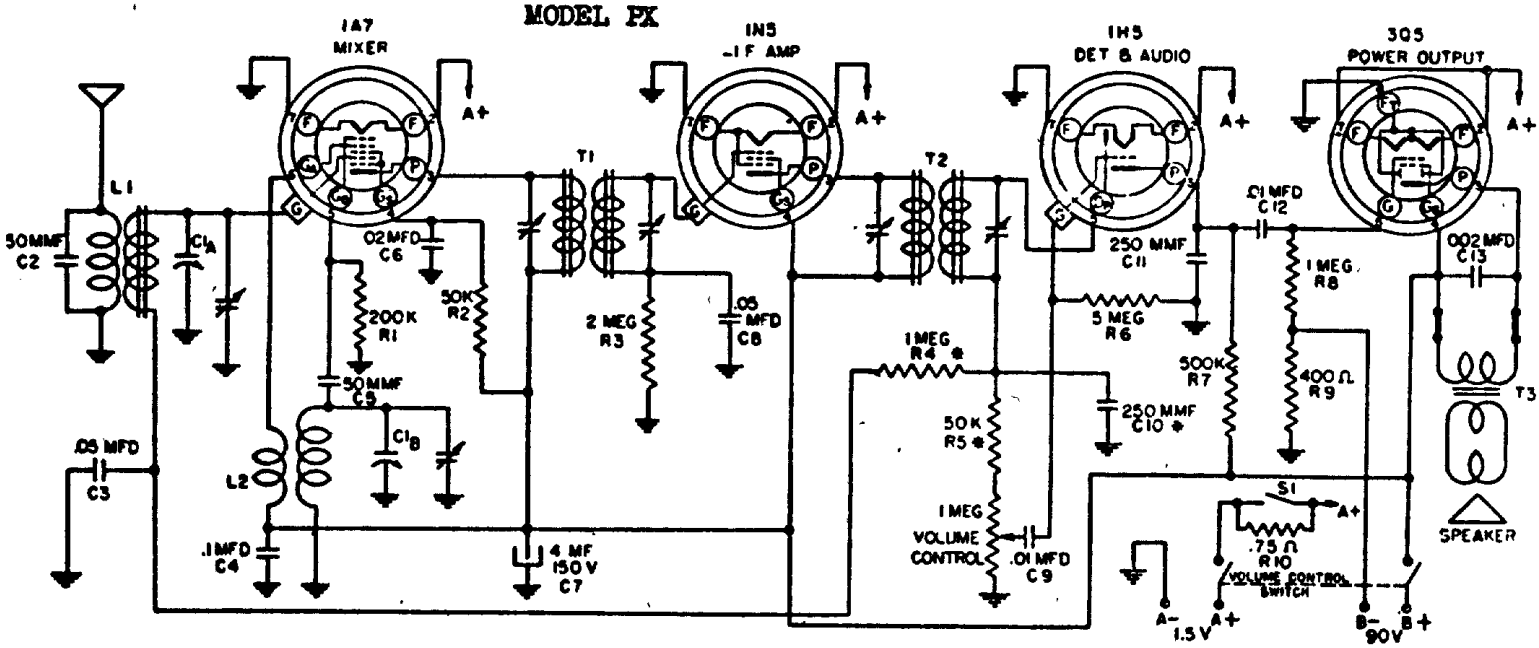
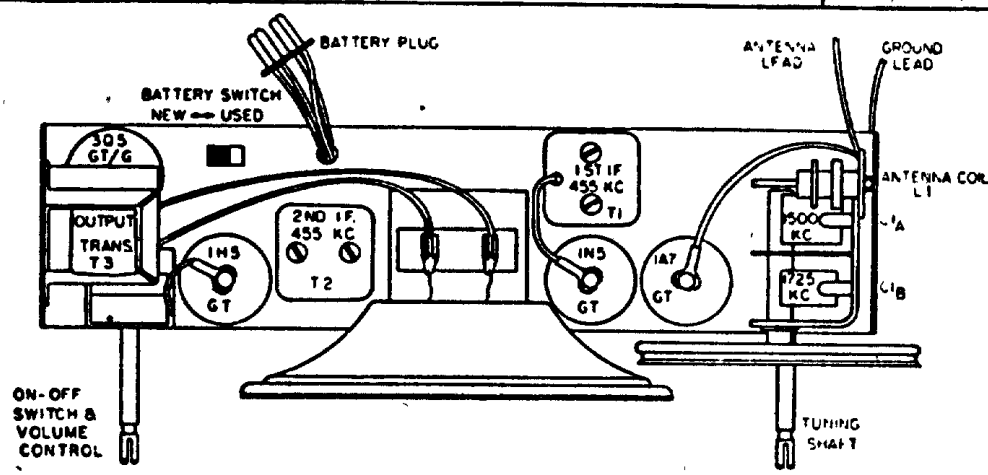
SPIEGEL

MODEL PX



PARTS LIST

Code	Part No.	DESCRIPTION	Code	Part No.	DESCRIPTION	Code	Part No.	DESCRIPTION
C1A C1B	B19-185	Variable Condenser	R1		200 K Ohm 1/3 Watt Carbon Resistor	L1	A10-414	Antenna Coil
C2		50 MMFD Mica Condenser (Part of L-1)	R2		50 K Ohm 1/3 Watt Carbon Resistor	L2	A10-415	Oscillator Coil
C3 C8		05 MFD 200 V Tubular Condenser	R3		2 Megohm 1/3 Watt Carbon Resistor	T1	B10-416	1st I F Transformer
C4		1 MFD 200 V Tubular Condenser	R4		1 Megohm 1/3 Watt Carbon Resistor (Part of T-2)	T2	B10-417	2nd I F Transformer
C5		50 MMFD Mica Condenser	R5		50 K Ohm 1/3 Watt Carbon Resistor (Part of T-2)	T3	A80-218	Speaker Output Transformer
C6		02 MFD 400 V Tubular Condenser	R6		5 Megohm 1/3 Watt Carbon Resistor	S1	A69-164	Battery Switch
C7	A18-273	4 MFD 150 V Electrolytic Condenser	R7		500 K Ohm 1/3 Watt Carbon Resistor		A24-165	Volume Control and Switch
C9 C12		01 MFD 400 V Tubular Condenser	R8		Megohm 1/3 Watt Carbon Resistor		B79-335	Speaker
C10		250 MMFD Mica Condenser (Part of T-2)	R9		400 Ohm 1/3 Watt Carbon Resistor			
C11		250 MMFD Mica Condenser	R10	A60-691	75 Ohm 1 Watt Resistor			
C13		002 MFD 600 V Tubular Condenser						



ALIGNMENT PROCEDURE

With an output meter connected across the voice coil of the speaker, the output meter reading for 50 milliwatts is .4 volts using a signal which is modulated 30% at 400 c.p.s. Follow through the procedure as outlined below for proper alignment.

Connect the signal generator to the grid cap of the 1A7 GT Tube through a .1 MFD. Condenser. Connect the ground lead of the generator to the chassis. Adjust the signal generator to 455 K.C. and set the variable condenser of the receiver to minimum capacity (fully opened). With the volume control full on and minimum output from the signal generator adjust the two trimmers on top of the first and second I.F. transformers for maximum output.

Now connect the signal generator to the antenna connection of the receiver through a .00025 condenser. Adjust the signal generator frequency to 1725 K. C. and set the variable condenser to minimum capacity (fully opened), and adjust the oscillator trimmer (C1B) for maximum output. Set signal generator to 1500 K. C. and tune receiver to signal. Adjust the antenna trimmer (C1A) on the variable condenser for maximum output.