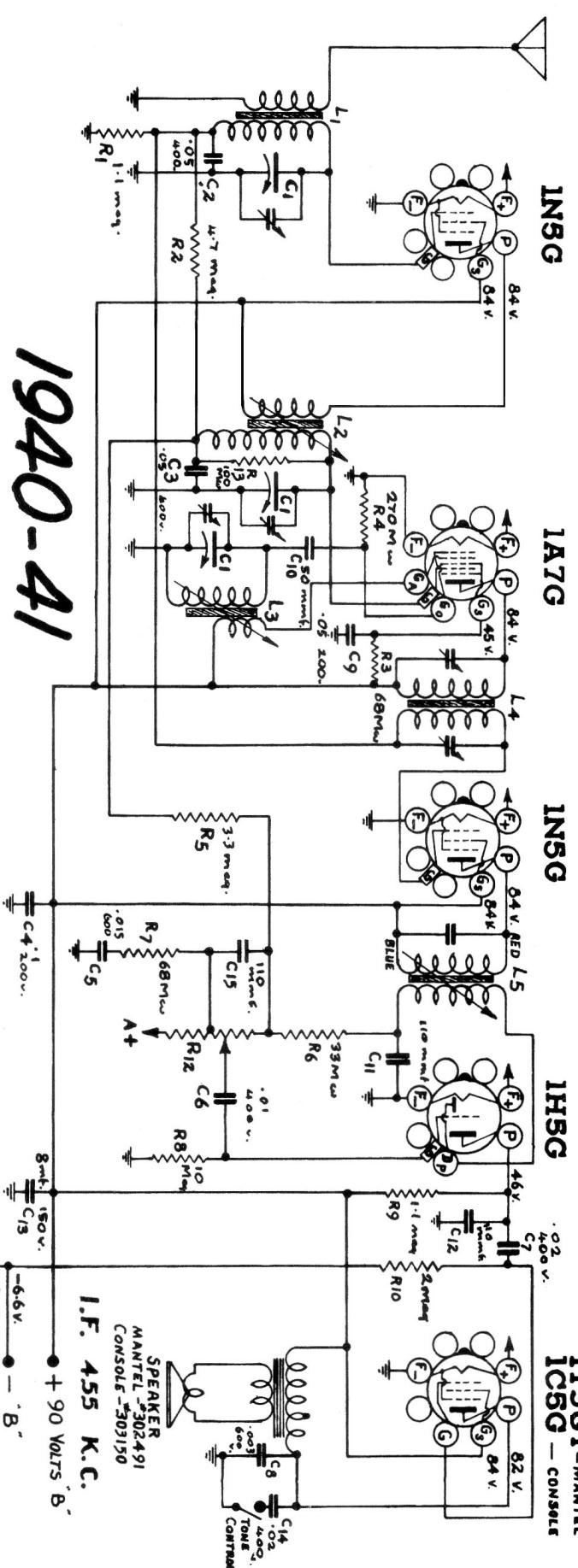


MODEL 482

1940-41



TONE CONTROL
SWITCH
SPEAKER LEADS

BATTERY
LEADS

Connect the output meter to the voice coil terminals of the speaker and proceed as follows: Set the pointer horizontal at the low frequency end of the dial with the gang condenser in full mesh.

MANTEL MODEL NO 4821
CONSOLE MODEL NO 4825

A well shielded, accurately calibrated signal generator and an output meter are required to align this chassis. In Series with Signal Gen.

Dummy Antenna Connection of Signal Gen. to Receiver Signal Freq. Receiver Dial Setting Trimmer Deac. Type of Adjustment

1. .1 mfd. cond.	Top grid of 1A7G	455 kc	Any point where it does not affect the signal	1st I.F. 2nd I.F.	Adjust for maximum output then repeat adjustment
2. Standard dummy	Antenna lead	600 kc	600 kc	Oscillator coil L3	Adjust iron core to bring in signal
3. Standard dummy	Antenna lead	600 kc	600 kc	R.F. coil L2	Adjust iron core for maximum output
4. Standard dummy	Antenna lead	1500 kc	1500 kc	On rear section of gang	Adjust oscillator to bring in signal
5. Standard dummy	Antenna lead	1500 kc	1500 kc	Centre and front gang sections	Adjust RF and antenna for maximum output while rocking gang slightly
6. Standard dummy	Antenna lead	600 kc	600 kc		Repeat operations number 2 and 3
7. Standard dummy	Antenna lead	1500 kc	1500 kc		Repeat operations number 4 and 5

FRONT VIEW
GANG COND. PLATES
IN CLOSED POSITION
1/2 TURNS

NOTE: ALL TUBE VOLTAGES MEASURED TO CHASSIS
WITH 1000 OHM PER VOLT METER.

Note: A 200 mfd. condenser may be used for the Standard Dummy. The volume control should be full on for all adjustments and the weakest signal used that will give a readable output.