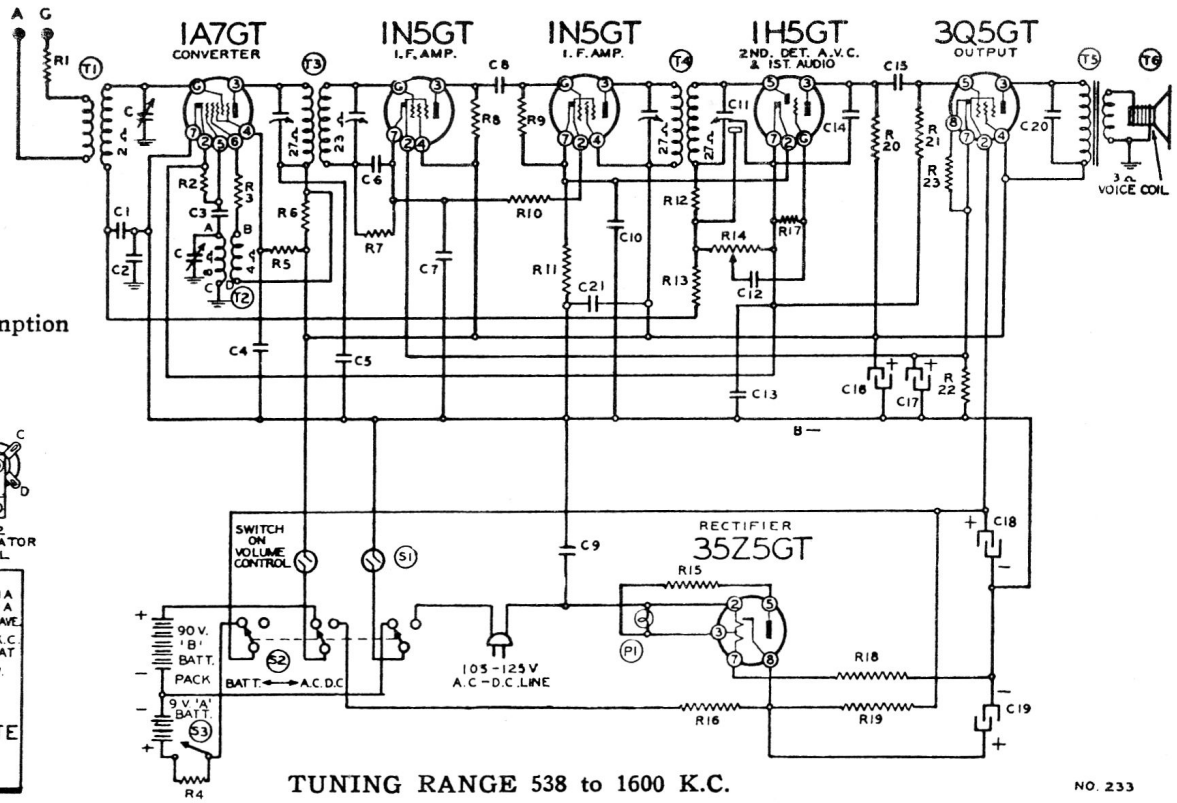
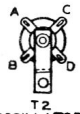
BELMONT RADIO CORP.

MODEL 6P11



Power Consumption
35 Watts



T2
OSCILLATOR COIL

TECHNICAL DATA
A CURRENT 50 MA
B CURRENT 13 MA
SENSITIVITY 10 μv AVE.
SELECTIVITY 48 K.C. AT 1000 K.C. x SIGNAL AT 1000 K.C.
OUTPUT 165 M.W. UNDISTORTED IN VOICE COIL.

INTERMEDIATE FREQUENCY 455 K.C.

TUNING RANGE 538 to 1600 K.C.

NO. 233

ALIGNMENT PROCEDURE

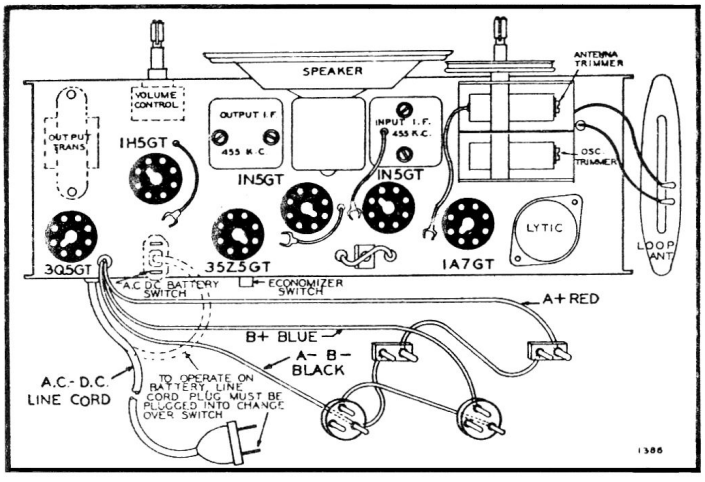
The following equipment is required for aligning.

- Dummy antenna .1 mfd. and 200 mmf.
- Volume control—Maximum all adjustments.
- Connect B— of radio chassis to ground post of signal generator.

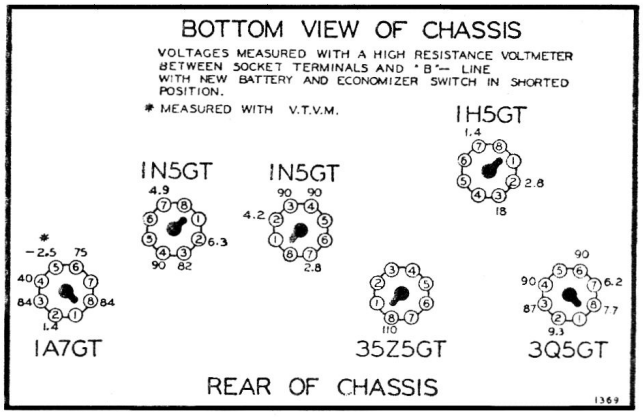
BAND	SIGNAL GENERATOR Frequency Setting	Dummy Antenna	Connection to Radio	Dial Setting	Trimmers Adjusted (in Order Shown)	Adjustment
455 Kc. I. F.	455 Kc.	.1 MFD.	Connect to Grid of 1A7	Rotor full open (Plates out of mesh)	Input and Output Trimmers on Top of I. F. cans	Maximum output (See Note "A")
BROAD-CAST BAND	1600 Kc.	.1 MFD.	Connect to Grid of 1A7	Rotor full open (Plates out of mesh)	Osc. Trimmer on gang (See chassis view)	Maximum output (See Note "A")
	1400 Kc.	200 MMF.	Connect to Antenna Clip	Set dial at 1400 Kc.	Ant. Trimmer on gang (See chassis view)	Maximum output (See Note "B")

NOTE "A"—The loop antenna need not be connected to the radio when making these adjustments, but a 1. Meg. Resistor must be substituted across the loop clips. The ground of the signal generator is connected to the B— and the other lead from the signal generator in series with .1 MFD. dummy to the grid of the 1A7GT tube.

NOTE "B"—This adjustment should be made with the ground lead of the signal generator connected to the external ground terminal. The other lead of the signal generator is connected in series with a 200 Mmf. dummy to the external antenna terminal.



CHASSIS VIEW showing tube location and battery cables.
NOTE: To operate on battery, line cord must be plugged into AC-DC battery switch shown in view above.



VOLTAGE CHART