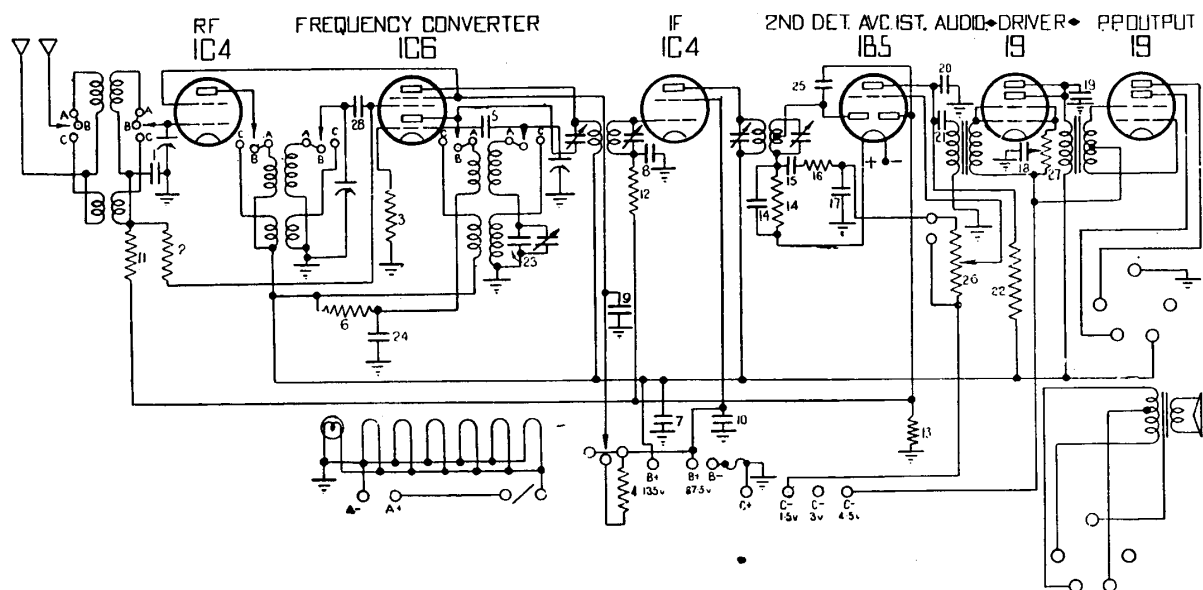


# "Tasma" Battery-Operated Dual-Wave Model 335



INTERMEDIATE FREQUENCY - 405 KC

**T**ASMA Model 335, Dual-Wave Super, is a battery operated receiver. American type valves are used throughout. These are all of the two volt series.

This model is of the console type and is fitted with four controls—volume (with combined battery switch), tuning, wave-change (with extra position for "local broadcast" reception), and tone (continuous). The loudspeaker fitted to this receiver is a 10-inch unit of the permanent-magnet type. This chassis type is also fitted to a "radio-gram" which bears the same model number.

## OPERATING VOLTAGES.

The valve functions and their operating voltages are as follows:—

- 1C4—RF, plate 135; screen 67.5.
- 1C6—Freq. Changer, plate 135; screen 67.5.
- 1C4—IF, plate 135; screen 67.5.
- 1B5—2nd Det., plate 100; grid 1.5.
- 19—Driver, plate 135; grid 4.5.
- 19—Audio, plate 135; grid 4.5.

**Note:** The screen voltage for the rf and frequency changer drops to 50 volts when the wave change switch is on the "local" position. The 1C6 oscillator anode volts vary with the setting of the

wave change switch as follows:—

B/c. Dist., 75 volts; B/c Local, 90 volts; S/W, 135 volts.

## COMPONENT VALUES.

- 1.—0.1 mfd.; 2.—0.5 meg.; 3.—50,000 ohms; 4.—50,000 ohms; 5.—0.00005 mfd.; 6.—20,000 ohms; 7.—0.5 mfd.; 8.—0.1 mfd. 9.—0.1 mfd.; 10.—0.1 mfd.; 11.—0.5 meg.; 12.—0.5 meg.; 13.—2 meg.; 14.—0.5 meg. and 0.00025 mfd.; 15.—0.1 mfd.; 16.—10,000 ohms; 17.—0.00025 mfd.; 18.—0.05 mfd.; 19.—0.00025 mfd.; 20.—0.00025 mfd.; 21.—0.5 mfd.; 22.—0.1 meg.; 23.—0.0003 mfd.; 24.—0.1 mfd.; 25.—0.001 mfd.; 26.—0.5 meg. variable; 27.—0.5 meg. variable; 28.—0.00005 mfd.