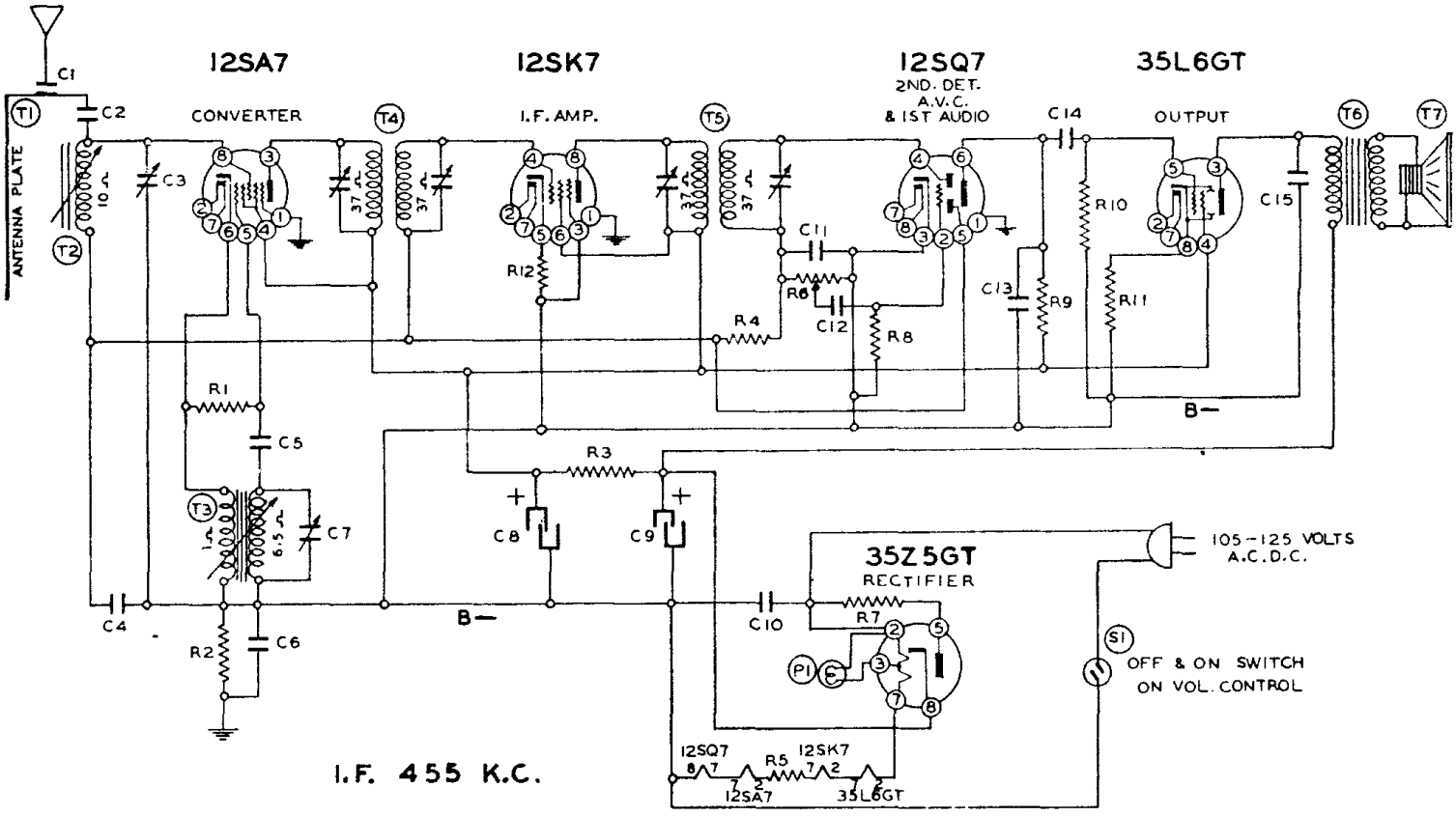



# Model 536 Radio

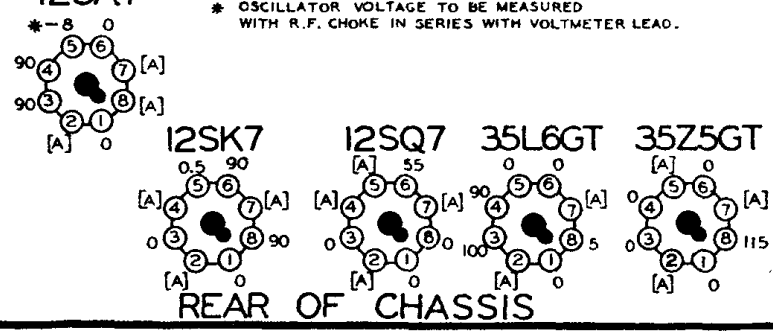
| Schematic Ref. No. | Part No. | Description |
|---|---|---|
| | | **RESISTORS** |
| R1 | 130176 | 20M ohm—⅓ w. |
| R2 | 130100 | 150M ohm—⅓ w. |
| R3 | 130279 | 1M ohm—1 w. |
| R4 | 1304 | 3 megohm—⅓ w. |
| R5 | 130288 | 50 ohm—1.5 w. |
| R6 | 101238 | 500M ohm volume control and switch |
| R7 | 130240 | 30 ohm—⅓ w. |
| R8 | 130257 | 5 megohm—⅓ w. |
| R9 | 100100 | 150M ohm—⅓ w. |
| R10 | 13011 | 250M ohm—⅓ w. |
| R11 | 130166 | 150 ohm—⅓ w. |
| R12 | 130233 | 60 ohm—⅓ w. |
| | | **CONDENSERS** |
| C1 | 131262 | .00001 washer condenser (Antenna clip on back plate) |
| C2 | 129114 | .0003 mica |
| C3 | 124151 | Trimmer on antenna coil |
| C4 | 1009 | .05 x 200 v. |
| C5 | 12939 | .00005 mica |
| C6 | 10091 | .15 x 400 v. |
| C7 | 124151 | Trimmer on oscillator coil |
| C8 | 11992 | 20 mfd. lytic x 150 w. v. |
| C9 | 11992 | 40 mfd. lytic x 150 w. v. |
| C10 | 10013 | .05 x 400 v. |
| C11 | 12912 | .00025 mica |
| C12 | 10025 | .002 x 600 v. |
| C13 | 1292 | .0005 mica |
| C14 | 10011 | .01 x 400 v. |
| C15 | 10011 | .01 x 400 v. |
| | | C3 and C7 are in same unit |
| | | C8 and C9 are in same unit |
| | | **PARTS** |
| T1 | 128586B | Back plate (walnut) |
| | 128586 | Back plate (ivory) |
| T2 | 112877 | Antenna coil—Permeability tuning assembly complete |
| T3 | 112877 | Oscillator coil—Permeability tuning assembly complete |
| T4 | 108157L | Input I. F. coil—455 Kc. |
| T5 | 108157N | Output I. F. coil—455 Kc. |
| T6 | 10595C | Output transformer |
| T7 | 114225 | 5" P. M. speaker |
| S1 | | Switch on volume control |
| P1 | 107249 | Pilot light T47 |

## BOTTOM VIEW OF CHASSIS

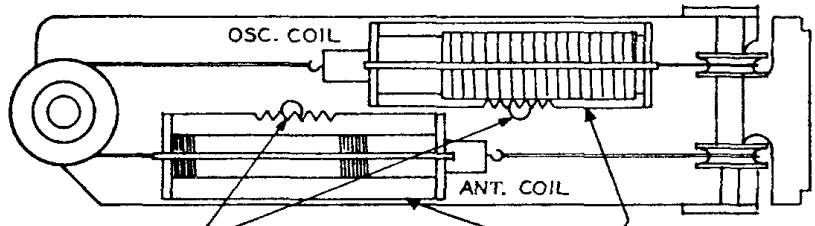
VOLTAGES MEASURED WITH A HIGH RESISTANCE VOLTMETER BETWEEN SOCKET TERMINALS AND B—

[A] CANNOT BE MEASURED WITH VOLTMETER.

* OSCILLATOR VOLTAGE TO BE MEASURED WITH R.F. CHOKE IN SERIES WITH VOLTMETER LEAD.




VIEW LOOKING AT BOTTOM OF CHASSIS




NOTE "A" THE ANTENNA COIL ASSEMBLY IS MADE SO THAT IT IS MOVABLE LEFT OR RIGHT. WHEN MAKING THE ADJUSTMENT AS GIVEN IN THE ALIGNMENT PROCEDURE MOVE THE COIL ASSEMBLY VERY SLOWLY. IT CAN BE MOVED BY HAND OR BY PIVOTING ONE EDGE OF THE BLADE OF A SCREWDRIVER IN THE HOLE AND ENGAGING THE BLADE IN THE GEAR TEETH OF THE COIL FORM.

TO ADJUST COIL ASSEMBLY MOVE LEFT OR RIGHT