

**RUN 2**

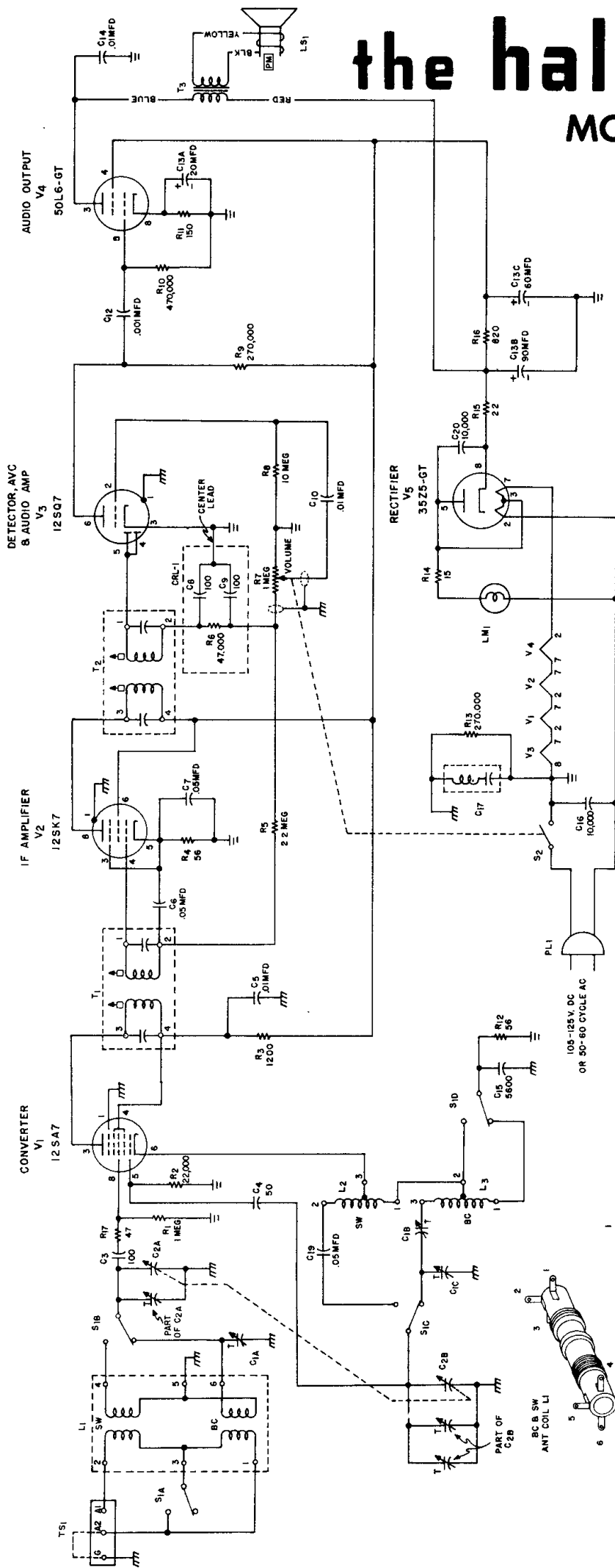
The diagram illustrates a hand-cranked capacitor tuning circuit. It features a large circular capacitor with two concentric rings. A hand crank (1) is attached to the center of the capacitor, which is mounted on a base (2). A spring (3) is connected to the inner ring of the capacitor and a fixed point (4) on the base. A dial cord (5) is wound around the inner ring and passes over a pulley (6) at the bottom left. The dial cord is then connected to a tuning capacitor (7) at the bottom right. A pointer (8) is attached to the inner ring of the capacitor and points to a scale (9) on the dial cord. The scale has marks for 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, and 0. The tuning capacitor (7) is connected to a ground symbol (10) at the bottom left. The entire circuit is enclosed in a dashed rectangular box.

**NOTES**

1. TUNING CAPACITOR FULLY MESHD.
2. USE 33" LENGTH OF DIAL CORD.
3. ALIGN POINTER WITH LEFT HAND INDEX MARKS ON DIAL.

3 1/2 TURNS

## Dial Cord Stringing Diagram



LAST RESISTOR SYMBOL - R17

1. RESISTANCE INDICATED IN OHMS AND CAPACITANCE IN MMF UNLESS OTHERWISE SPECIFIED.

NOTES

- RESISTANCE INDICATED IN OHMS AND CAPACITANCE  
RESISTORS HAVE 1/2 WATT RATING UNLESS OTHERWISE  
INTERMEDIATE FREQUENCY • 455KC  
SW-BC SWITCH SHOWN IN BC POSITION (CLOCKWISE)  
CHASSIS  
B-(COMMON GROUND)

**FRONT OF CLASS**

## NOTES

1. SOCKET VIEWS ARE BOTTOM VIEWS.
2. ALL VOLTAGES ARE MEASURED BETWEEN TUBE SOCKET TERMINALS AND 8 - (PIN 3 OF TUBE V-3) WITH ZERO SIGNAL INPUT, VOLUME CONTROL AT MAXIMUM AND TUNING CAPACITOR FULLY MEASD.
3. LINE VOLTAGE -117 VOLTS AC.
4. ALL VOLTAGES ARE DC AND POSITIVE UNLESS OTHERWISE SPECIFIED. ALL VOLTAGES SHOWN AS AC WILL BE DC WHEN OPERATING FROM A DC SOURCE.
5. DC VOLTAGES WERE MEASURED WITH A VACUUM TUBE VOLTMETER (VTVM).

