

## AMPLIFIER MODEL R200

### OPERATION

**Power Supply:** Be certain that the current supply is 110-120 Volt, 50-60 cycles A.C. only; any other source may burn out the amplifier. Connect power cord plug coming from chassis to a convenient outlet. Insert microphone or instrument into input jack.

The on and off switch is combined with the tone control found on the back of the amplifier. By turning clock-wise, this turns the amplifier on as well as adjusts the desired tone range to your personal selection. Volume control located just to the left of the tone control, is variable for audio level.

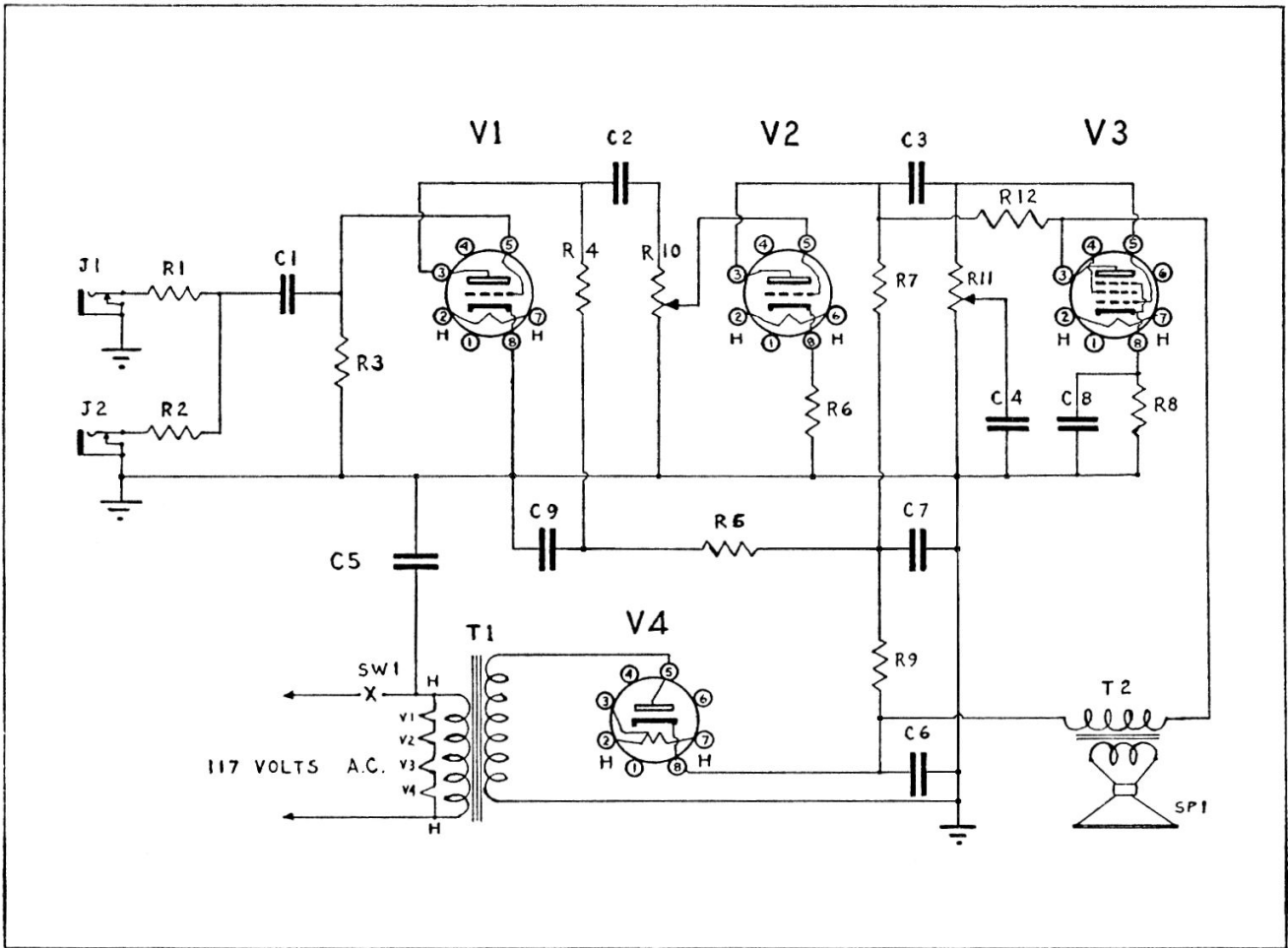
Two instrument input jacks are conveniently provided next to the volume control. You may play one instrument or two instruments at the same time. Also, either of the instrument inputs can be utilized with a microphone, thus making a small PA system if desired.

Guitar pickups and microphones vary in output and in some cases may overload the amplifier. This may be controlled by turning down the volume.

It is recommended that tubes be checked at intervals of from four to six months. (In replacing tubes, make sure they are in proper sockets as shown in sketch on facing page. Also make sure current is turned off when removing or replacing tubes, or when changing instruments).

A schematic diagram is located in the amplifier case below the chassis.

Keep amplifier free from dust, and never permit it to be stored or checked where dampness or water can damage the case or electrical components.



### LECTROLAB MODEL R200

R1, R2—220 K Ohm  $\frac{1}{2}$  Watt Resistors  
 R3—10 Meg Ohm  $\frac{1}{2}$  Watt Resistor  
 R4—220 K Ohm  $\frac{1}{2}$  Watt Resistor  
 R5—100 K Ohm  $\frac{1}{2}$  Watt Resistor  
 R6—2700 Ohm  $\frac{1}{2}$  Watt Resistor  
 R7—100 K Ohm  $\frac{1}{2}$  Watt Resistor  
 R8—180 Ohm  $\frac{1}{2}$  Watt Resistor  
 R9—22 K Ohm  $\frac{1}{2}$  Watt Resistor  
 R10—500 K Ohm Volume Control  
 R11—500 K Ohm Tone Control with Switch  
 R12—1 Meg Ohm  $\frac{1}{2}$  Watt Resistor  
 C1—.004 Mfd 400 Volt Paper Capacitor  
 C2—.02 Mfd 400 Volt Paper Capacitor  
 C3—.05 Mfd 400 Volt Paper Capacitor

C4, C5—.015 Mfd 200 Volt Paper Capacitor  
 C6—40 Mfd 150 Volt Filter Capacitor  
 C7—40 Mfd 150 Volt Filter Capacitor  
 C8—20 Mfd 25 Volt By-Pass Capacitor  
 C9—.1 Mfd 200 Volt Paper Capacitor  
 J1, J2—Input Jacks, Instrument  
 SW1—On-off Switch on Tone Control  
 T1—Power Transformer  
 T2—Output Transformer  
 SP1—8" Speaker 3.2 Ohm  
 V1—12J5 Tube  
 V2—12J5 Tube  
 V3—50L6 GT Tube  
 V4—35Z5 Tube

