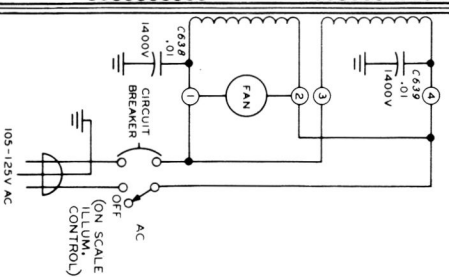
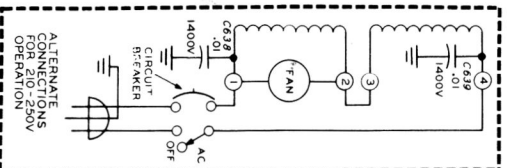
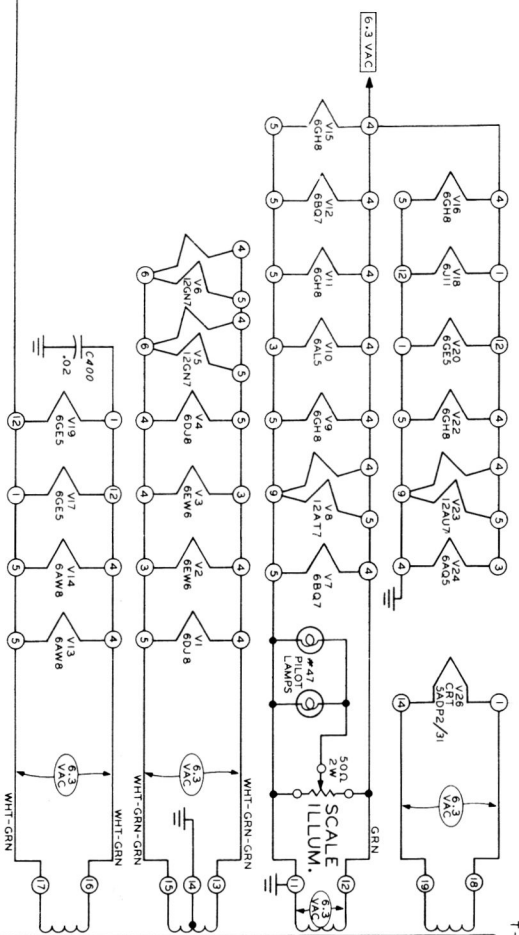
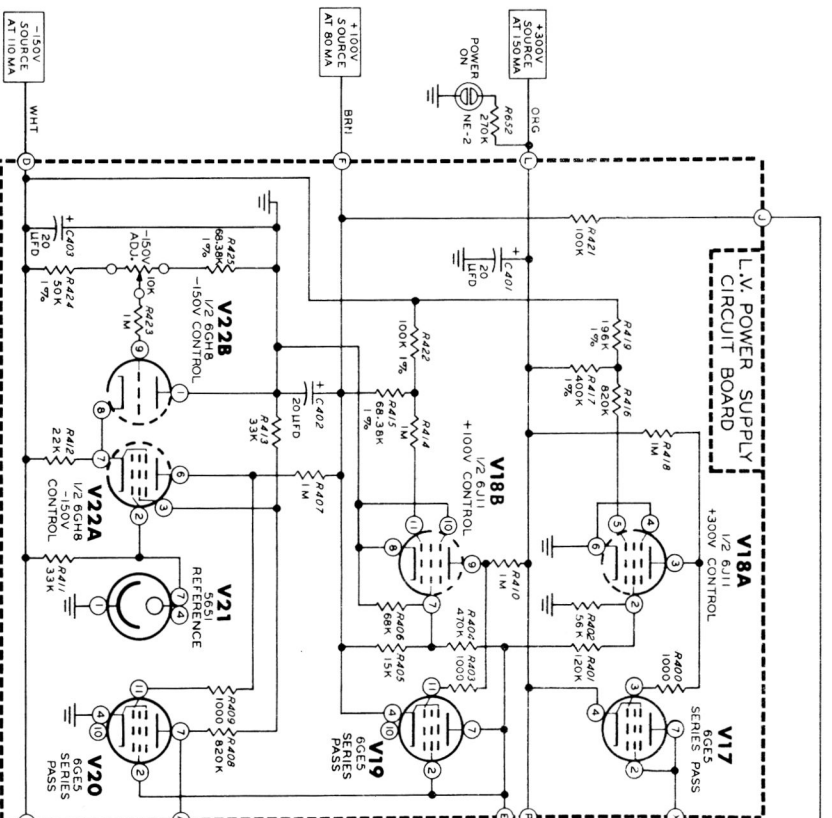
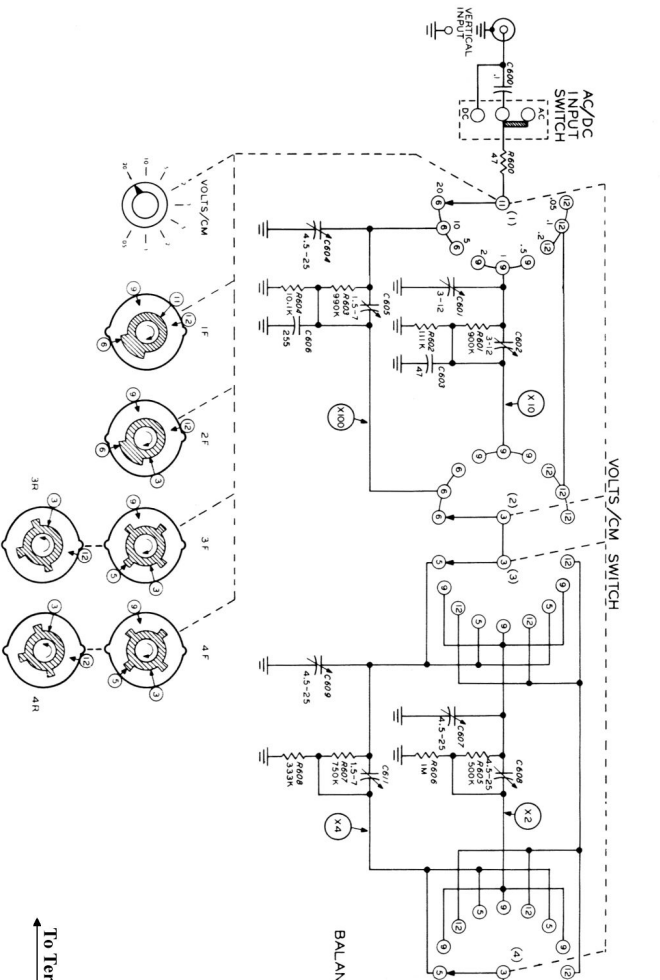


HEATHKIT IO-14 Oscilloscope

Low Voltage Power Supply





SCHEMATIC OF THE HEATHKIT®

LABORATORY OSCILLOSCOPE MODEL IO-14

1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:

- 0-99 PARTS MOUNTED ON THE VERTICAL AMPLIFIER CIRCUIT BOARD.
- 100-199 PARTS MOUNTED ON THE SWEEP AND HORIZONTAL CIRCUIT BOARD.
- 200-299 PARTS MOUNTED ON THE TRIGGER CIRCUIT BOARD.
- 300-399 PARTS MOUNTED ON THE DIODE TERMINAL BOARD.
- 400-499 PARTS MOUNTED ON THE LOW VOLTAGE POWER SUPPLY CIRCUIT BOARD.
- 500-599 PARTS MOUNTED ON THE HIGH VOLTAGE POWER SUPPLY CIRCUIT BOARD.
- 600-699 PARTS NOT MOUNTED ON CIRCUIT BOARDS.

2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K = 1000, MEG = 1,000,000).

3. ALL RESISTORS MOUNTED ON VOLT/CM SWITCH ARE 1% PRECISION RESISTORS.
4. CAPACITOR VALUES LESS THAN 1 ARE IN μ fd. VALUES OF 1 AND ABOVE ARE IN pF, UNLESS THEY ARE MARKED OTHERWISE.

5. ALL SWITCH ROTORS SHOWN IN FULL COUNTERCLOCKWISE POSITION WHEN VIEWED FROM THE KNOB END.

6. ARROW (↺) INDICATES CLOCKWISE ROTATION OF THE KNOB (VIEWED FROM THE KNOB END).

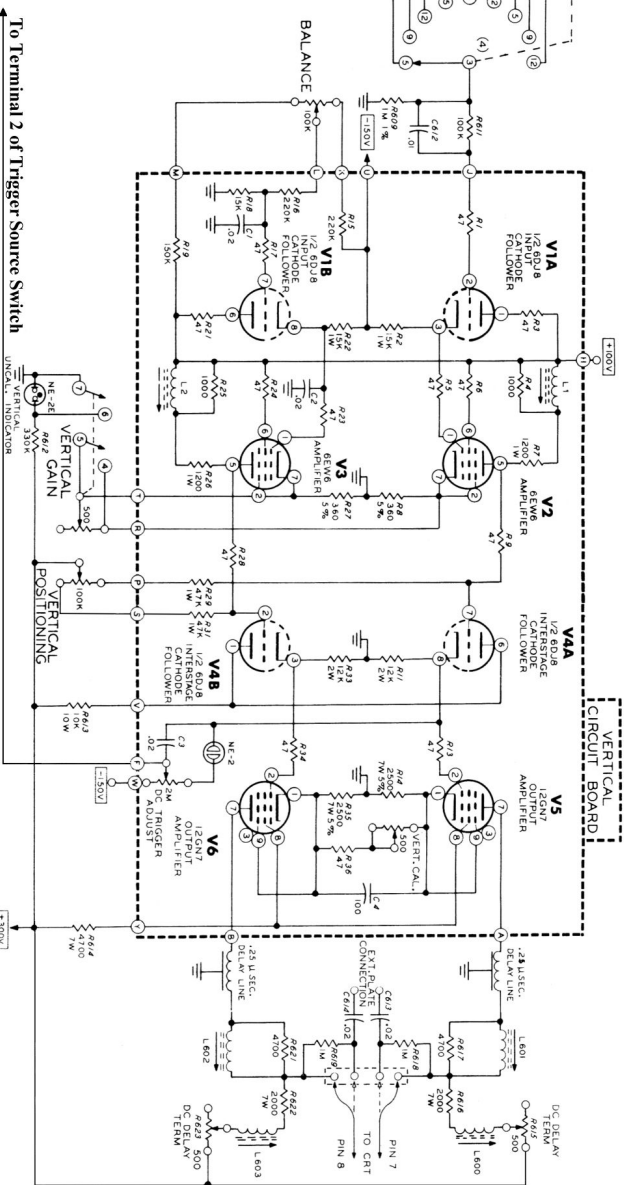
7. ARROW (↻) INDICATES REAR VIEW OF SWITCH WAFER.

8. CONTROLS, SWITCHES, AND CONNECTORS NAMED IN HEAVY TYPE ARE MOUNTED ON THE FRONT PANEL.

9. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS (FOLD-OUT FROM PAGE 134) FOR THE PHYSICAL LOCATION OF PARTS.

10. ☐ ALL VOLTAGES MEASURED FROM THE POINT SHOWN TO CHASSIS GROUND.

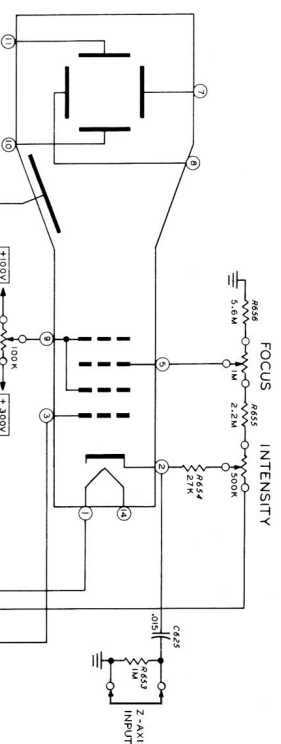
11. ☐ ALL VOLTAGES MEASURED BETWEEN THE POINTS SHOWN.



Heathkit IO-14 Oscilloscope Vertical Deflection and Circuit Board

Heathkit IO-14 CRT Circuit

V26
5A6D2/3
CRT



Heathkit IO-14 H.V. Power Supply

