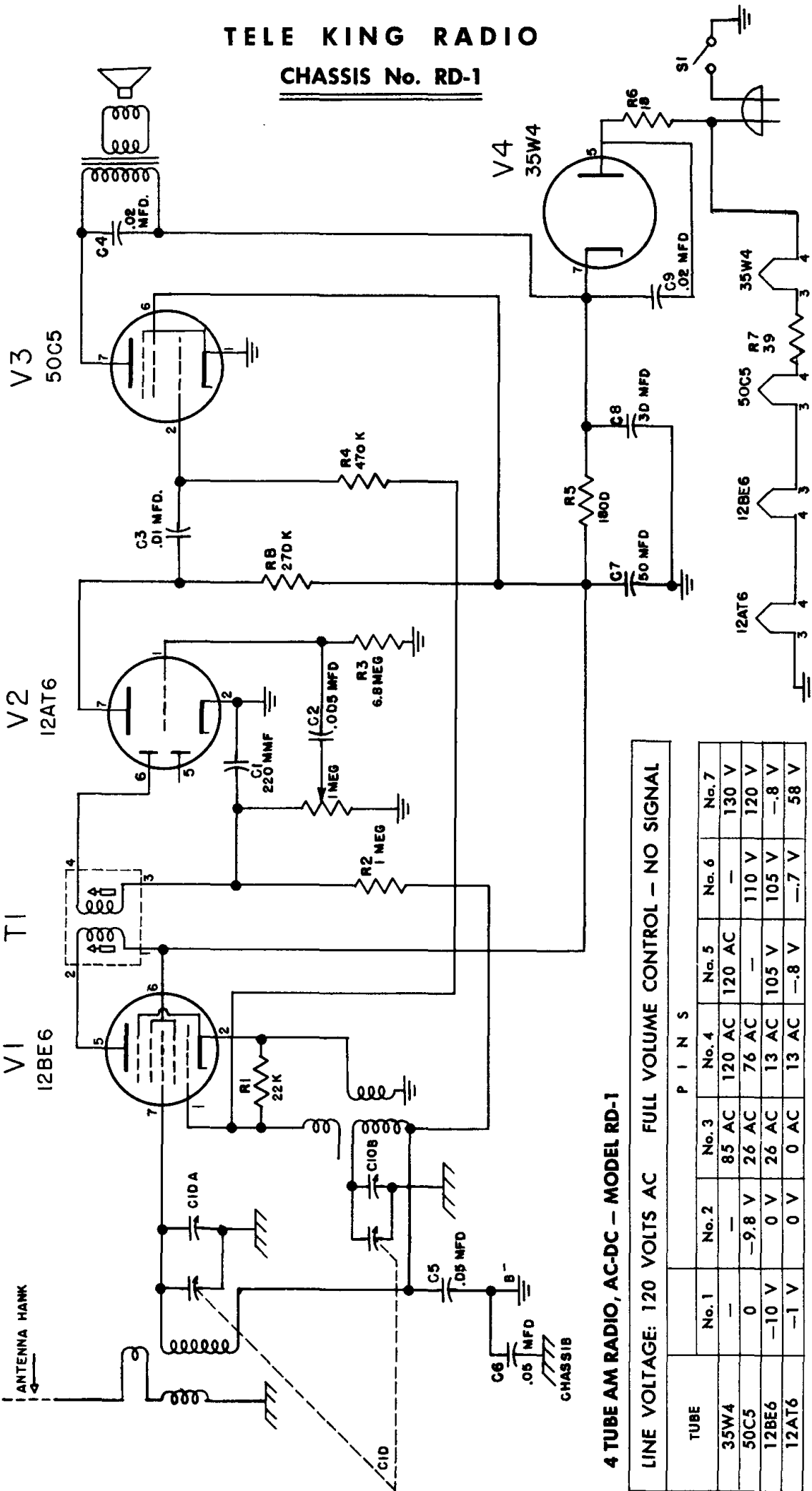


# TELE KING RADIO

CHASSIS No. RD-1



## 4 TUBE AM RADIO, AC-DC - MODEL RD-1

LINE VOLTAGE: 120 VOLTS AC FULL VOLUME CONTROL - NO SIGNAL

| TUBE  | P I N S |        |       |        |        |       |       |
|-------|---------|--------|-------|--------|--------|-------|-------|
|       | No. 1   | No. 2  | No. 3 | No. 4  | No. 5  | No. 6 | No. 7 |
| 35W4  | —       | —      | 85 AC | 120 AC | 120 AC | —     | 130 V |
| 50C5  | 0       | -9.8 V | 26 AC | 76 AC  | —      | 110 V | 120 V |
| 12BE6 | -10 V   | 0 V    | 26 AC | 13 AC  | 105 V  | 105 V | -8 V  |
| 12AT6 | -1 V    | 0 V    | 0 AC  | 13 AC  | -8 V   | -7 V  | 58 V  |

Voltage readings made with V.T.VM from pins designated to B-.

## ALIGNMENT CHART

| STEPS | ALIGN                | DUMMY ANTENNA | GENERATOR FREQUENCY | DIAL SETTING   | CONNECT GENERATOR TO       | ADJUST               | OUTPUT METER ACROSS VOICE COIL |
|-------|----------------------|---------------|---------------------|----------------|----------------------------|----------------------|--------------------------------|
| 1     | I.F.                 | .05           | 455 KC              | High Freq. End | Pin 7-12BE6 Converter Grid | T-1 Double Slug      | Peak for Max.                  |
| 2     | Osc.                 | .05           | 1650 KC             | High Freq. End | Pin 7-12BE6 Converter Grid | C10B Osc. Tuner Trim | Peak for Max.                  |
| 3     | Hank Ant.            | 100 mmf.      | 1500 KC             | 1500 KC        | Ant. Lead                  | C10A R.F. Tuner Trim | Peak for Max.                  |
| 4     | Repeat Steps 2 and 3 |               |                     |                |                            |                      |                                |

Part Reference No.

Symbol No.

Description

|          |                             |  |
|----------|-----------------------------|--|
| CC 322   | 220 Mmfd                    |  |
| CP-2-25  | .005 Mfd 400V               |  |
| CP-4-11  | .01 Mfd 400V                |  |
| CP-4-12  | .02 Mfd 400V                |  |
| CP-2-15  | .05 Mfd 200V                |  |
| CP-4-15  | .05 Mfd 400V                |  |
| Cet-13   | 50-30 Mfd 150V Electrolytic |  |
| RC-223-2 | 22K ohms ½W                 |  |
| RC-105-2 | 1 Megohm ½W                 |  |
| RC-685-1 | 6.8 Megohms ½W              |  |
| RC-474-1 | 470K ohms ½W                |  |
| RC-182-4 | 1800 ohms 1W                |  |
| RC-180-2 | 18 ohms ½W                  |  |
| RC-390-5 | 39 ohms 1W                  |  |
| RC-274-1 | 270K ohms ½W                |  |