

PHILCO RADIO & TELEV. CORP.

MODEL 37-34

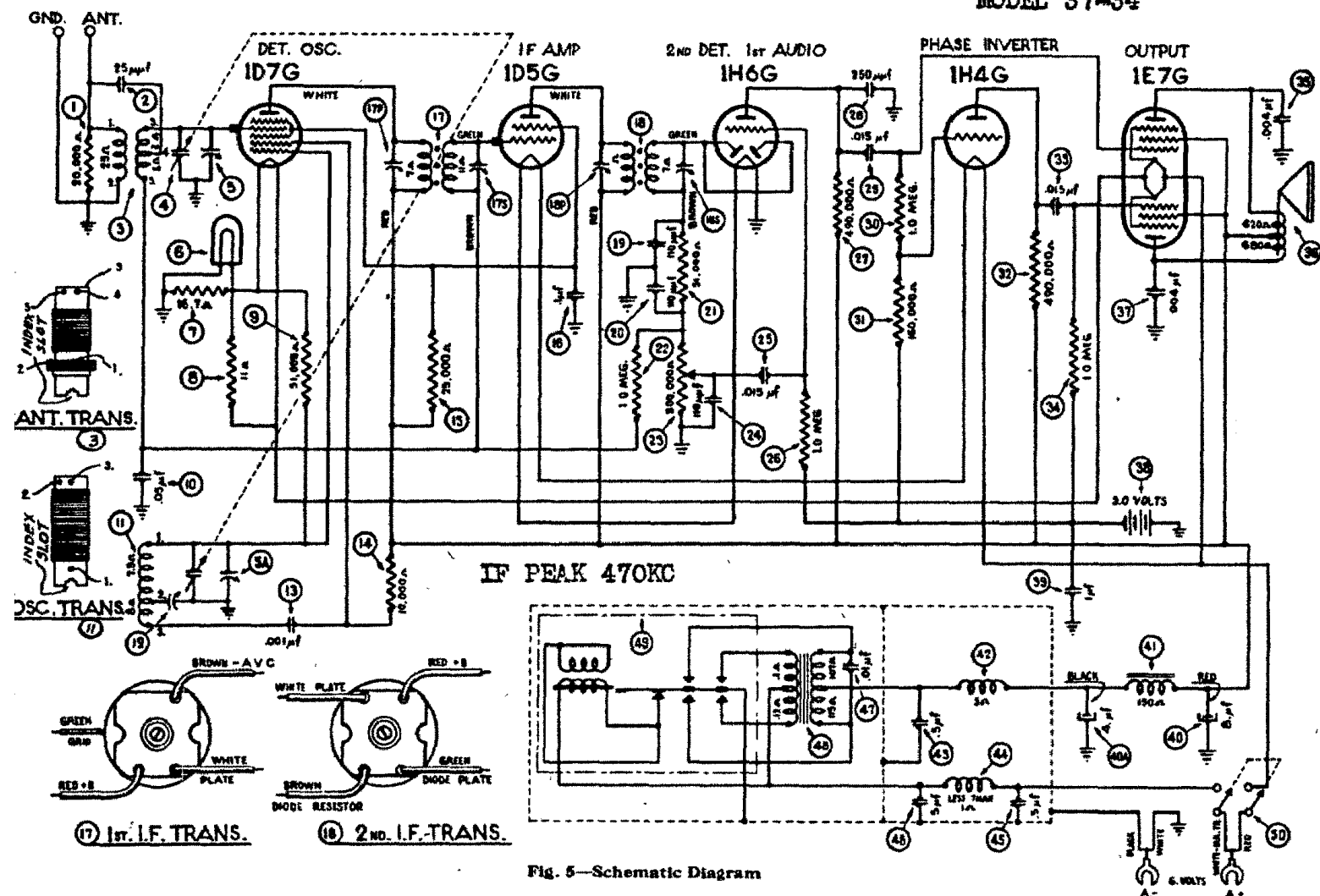


Fig. 5—Schematic Diagram

September 29, 1936

Replacement Parts—Model 37-34

| Schem. No. | Description | Part No. | List Price | Schem. No. | Description | Part No. | List Price | Schem. No. | Description | Part No. | List Price |
|------------|---|-----------|------------|------------|---|-----------|------------|------------|---|----------|------------|
| 1 | Resistor (20000 ohms $\frac{1}{2}$ watt) | 33-320339 | \$0.20 | 32 | Resistor (490000 ohms $\frac{1}{2}$ watt) | 33-449339 | \$0.20 | 28 | Shaft Retaining Clip..... | 28-4394 | .01 |
| 2 | Condenser (25 mmfd. Mica) | 30-1067 | .20 | 33 | Condenser (.015 mfd. tubular) | 30-4226 | .20 | 28 | Shaft Spring..... | 28-4117C | \$0.40 |
| 3 | Antenna Transformer..... | 32-2159 | 1.60 | 34 | Resistor (1 megohm $\frac{1}{2}$ watt) | 33-510339 | .20 | 38 | Bias Cell Panel..... | 38-7275 | .20 |
| 4 | Tuning Condenser..... | 31-1828 | 3.50 | 35 | Condenser (.004 mfd. tubular) | 30-4456 | .20 | 38 | Terminal Panel (R. F. Unit) | 38-7963 | .05 |
| 5 | Compensator (Two section)... | 31-6145 | .50 | 36 | Cone..... | 45-2315 | 1.20 | 38 | Terminal Panel (I. F. Unit) | 38-7703 | .25 |
| 6 | Pilot Lamp..... | 34-2150 | .22 | 37 | Condenser (.004 mfd. tubular) | 30-4456 | .20 | 38 | Terminal Panel (Antenna)... | 38-7871 | .10 |
| 7 | Resistor (16 ohms flexible)... | 33-3298 | .20 | 38 | Bias Cell..... | 41-8009 | .30 | 27 | Socket (8 prong)..... | 27-6058 | .11 |
| 8 | Resistor (11 ohms flexible)... | 33-3297 | .20 | 39 | Condenser (.1 mfd. tubular)... | 30-4122 | .20 | 27 | Socket (7 prong)..... | 27-6057 | .11 |
| 9 | Resistor (51000 ohms, $\frac{1}{2}$ watt) | 33-351339 | .20 | 40 | Electrolytic Condenser (4-8 mfd.)..... | 30-2160 | 2.00 | 27 | Socket (Power Unit)..... | 27-6036 | .11 |
| 10 | Condenser (.05 mfd. tubular) | 30-4020 | .20 | 41 | Filter Choke..... | 32-7543 | 1.35 | 28 | Shield (Tube)..... | 28-2726 | .10 |
| 11 | Oscillator Transformer..... | 32-2120 | 1.00 | 42 | B Filter Choke..... | 32-1932 | .25 | 38 | Shield (I. F. Transformer)... | 38-7763 | .20 |
| 12 | Compensator (Osc. 580 K.C.) | 040005 | .35 | 43 | Condenser (.5 mfd. metal case) | 30-4296 | .60 | 38 | Shield Base..... | 38-3898 | .03 |
| 13 | Condenser (.001 mfd. tubular) | 30-4453 | .20 | 44 | "A" Choke..... | 32-1954 | .40 | 38 | Shield (Vibrator)..... | 38-8022 | .25 |
| 14 | Resistor (10000 ohms, $\frac{1}{2}$ watt) | 33-310339 | .20 | 45 | Condenser (.5 mfd. metal case) | 30-4296 | .60 | 27 | Mtg. Grommet (R. F. Unit) | 27-4317 | .04 |
| 15 | Resistor (25000 ohms, $\frac{1}{2}$ watt) | 33-325339 | .20 | 46 | Condenser (.5 mfd. metal case) | 30-4296 | .60 | 28 | Mtg. Sleeve (R. F. Unit)... | 28-2257 | .01 |
| 16 | Condenser (.1 mfd. tubular)... | 30-4122 | .20 | 47 | Condenser (.01 mfd. tubular) | 30-4381 | .20 | W | Mtg. Washer (R. F. Unit)... | W-4436 | |
| 17 | 1st I. F. Transformer..... | 32-2100 | 1.80 | 48 | Power Transformer..... | 32-7682 | 2.20 | 25 | Mtg. Screw (R. F. Unit)... | W-729 C | .45 |
| 18 | 2nd I. F. Transformer..... | 32-2102 | 1.80 | 49 | Vibrator Unit..... | 41-3222 | 5.25 | 28 | Mtg. Plate (R. F. Coil)..... | 28-3808 | .02 |
| 19 | Condenser (110 mmfd. Mica) | 30-1031 | .20 | 50 | Power Switch..... | 42-1221 | .45 | 27 | Mtg. Spacer (R. F. Coil)... | 27-8228 | .01 |
| 20 | Condenser (110 mmfd. Mica) | 30-1031 | .20 | | Vernier Drive Assembly..... | 31-1863 | | W | Mtg. Screw (R. F. Coil)... | W-1635 C | .30 |
| 21 | Resistor (51000 ohms $\frac{1}{2}$ watt) | 33-351339 | .20 | | Pilot Lamp Assembly..... | 38-7875 | | 5189 | Mtg. Rubber Chassis..... | 5189 | .03 |
| 22 | Resistor (1 megohm $\frac{1}{2}$ watt) | 33-510339 | .20 | | Bezel Assembly..... | 40-5987 | .45 | 27 | Mtg. Bushing (Chassis)... | 27-4359 | .02 |
| 23 | Volume Control..... | 33-5157 | 1.00 | | Dial..... | 27-5252 | .10 | | Rubber Cushion— | | |
| 24 | Condenser (110 mmfd. Mica) | 30-1031 | .20 | | Hub..... | 28-7152 | .10 | | Vibrator Unit..... | 27-4287 | .05 |
| 25 | Condenser (.015 mfd. tubular) | 30-4358 | .20 | | Clamp..... | 28-2837 | .10 | 41 | Battery Cable..... | 41-3204 | 1.20 |
| 26 | Resistor (1 megohm $\frac{1}{2}$ watt) | 33-510339 | .20 | | Set Screw..... | W-1506 C | 2.00 | 41 | Speaker Cable..... | 41-3229 | .30 |
| 27 | Resistor (490000 ohms $\frac{1}{2}$ watt) | 33-449339 | .20 | | Screen and Bracket Assembly | 31-1878 | .25 | 36 | Speaker L2B..... | 36-1256 | 6.50 |
| 28 | Condenser (250 mmfd. Mica) | 30-1032 | .25 | | Knob Dial..... | 27-4321 | .10 | 116-R | Battery 6 Volt Storage..... | 116-R | |
| 29 | Condenser (.015 mfd. tubular) | 3793SU | .20 | | Knob (Volume and Power)... | 27-4332 | .10 | 40 | Baffle and Silk Assembly (B Cabinet)..... | 40-5935 | .40 |
| 30 | Resistor (1.0 megohm $\frac{1}{2}$ watt) | 33-510339 | .20 | | Volume Control Shaft..... | 38-8058 | .12 | 40 | Baffle and Silk Assembly (F Cabinet)..... | 40-5933 | .75 |
| 31 | Resistor (160000 ohms $\frac{1}{2}$ watt) | 33-416339 | .20 | | | | | | | | |

Figures in black type indicate circled figures in Base View.