

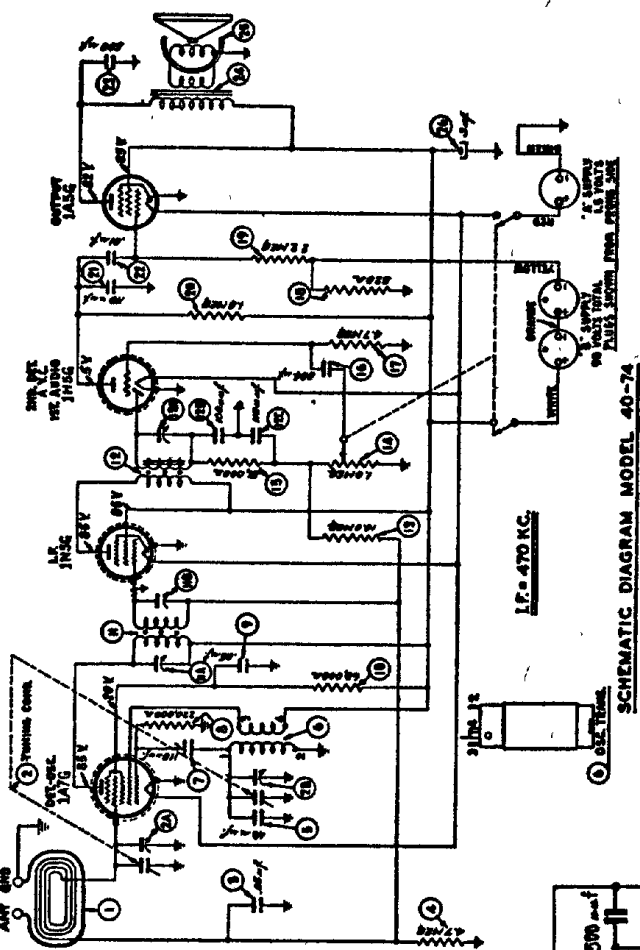
TYPE OF CIRCUIT: Model 40-74 is a portable, four-tube, battery operated superheterodyne radio, designed with a built-in loop aerial. Connections are also provided for an external aerial and ground.

BATTERY DRAIN:
"A" 200 M. A.; "B" 7.2 M. A.

TUNING RANGE:
580 to 1600 K. C.

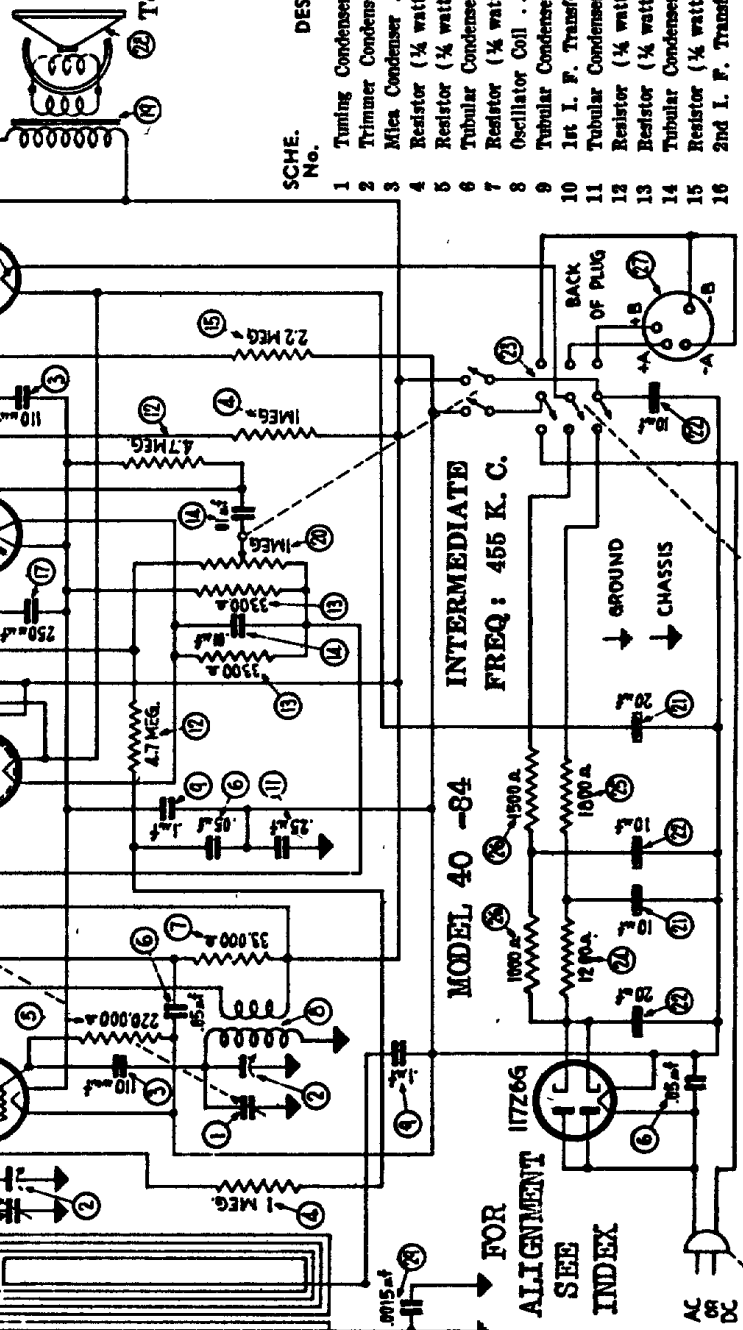
The R. F. and I. F. aligning procedure for this model is the same as that listed for Model 40-81 in Vol. XI with the exception of the padder-numbers. Model 40-74 I. F. padders are 12A, 11B and 11A. The R. F. padder located on the bottom of the condenser and reached through the bottom of the cabinet are 2B oscillator and 2A (aerial).

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|------|-----------------------------------|-----------|
| 1 | Loop Assembly | 40-6421 |
| 2 | Tuning Condenser | 31-2403 |
| 3 | Tubular Condenser (.05 mfd.) | 30-4519 |
| 4 | Resistor (4.7 meg., 1/2 watt) | 33-547339 |
| 5 | Mica Condenser (40 mmfd.) | 30-1095 |
| 6 | Oscillator Transformer | 32-3274 |
| 7 | Mica Condenser (110 mmfd.) | 30-1031 |
| 8 | Resistor (220,000 ohms, 1/2 watt) | 33-422339 |
| 9 | Tubular Condenser (.05 mfd.) | 30-4444 |
| 10 | Resistor (68,000 ohms, 1/2 watt) | 33-368339 |
| 11 | First I. F. Transformer Assembly | 32-3103 |
| 12 | Second I. F. Trans. Assembly | 32-3176 |
| 12-C | Mica Condenser (110 mmfd.) | 30-1031 |
| 13 | Resistor (10.0 meg., 1/2 watt) | 33-610339 |
| 14 | Volume Control (1.0 meg.) | 33-5310 |
| 15 | Resistor (51,000 ohms, 1/2 watt) | 33-351339 |
| 16 | Tubular Condenser (.004 mfd.) | 30-4578 |
| 17 | Resistor (4.7 meg., 1/2 watt) | 33-547339 |
| 18 | Resistor (820 ohms, 1/2 watt) | 33-182339 |
| 19 | Resistor (2.2 meg., 1/2 watt) | 33-522339 |
| 20 | Resistor (1.0 meg., 1/2 watt) | 33-510339 |
| 21 | Mica Condenser (110 mmfd.) | 30-1031 |
| 22 | Tubular Condenser (.01 mfd.) | 30-4572 |
| 23 | Mica Condenser (500 mmfd.) | 30-1114 |
| 24 | Output Transformer | 32-8096 |
| 25 | Cone and Voice Coil Assembly | |
| | (Speaker Part No. 36-1482-3) | 36-4121 |
| 26 | Electrolytic Condenser (3 mfd.) | 30-2359 |



Model 40-84 is a portable five (5) tube A.C.-D.C. power line or battery operated superheterodyne radio. This model covers a tuning frequency range of 540 K. C. to 1550 K. C.

To operate the radio on 115 volt A.C. or D.C. power supply, insert the power line cord plug into the socket on the back of the chassis. This plug-in arrangement automatically disconnects the A.-B. battery from the circuits of the set.



SCHE. No.	DESCRIPTION	PART No.
1	Tuning Condenser	31-2438
2	Trimmer Condenser	31-6311
3	Mica Condenser	30-1180
4	Resistor (1/2 watt, 1 meg.)	33-510154
5	Resistor (1/2 watt, 220,000 ohms)	33-422154
6	Tubular Condenser (.05 mfd., 400 V.)	30-4518
7	Resistor (1/2 watt, 33,000 ohms)	33-333154
8	Oscillator Coil	33-3385
9	Tubular Condenser (.1 mfd., 400 V.)	30-4455
10	1st I. F. Transformer	32-3384
11	Tubular Condenser (.25 mfd., 400 V.)	33-3384
12	Resistor (1/2 watt, 4.7 meg.)	33-547154
13	Resistor (1/2 watt, 10,000 ohms)	33-510154
14	Tubular Condenser (.01 mfd., 400 V.)	30-4572
15	Resistor (1/2 watt, 2.2 meg.)	33-522154
16	2nd I. F. Transformer	33-3286
17	Mica Condenser (250 mmf.)	61-0083
18	Mica Condenser (500 mmf.)	36-1114
19	Output Transformer	32-8100
20	Volume Control	33-5375
21	Electrolytic Condenser (20-10 mfd., 150 V.)	30-2453
22	Electrolytic Condenser (10-10 mfd., 150 V.; 30 mfd., 25 V.)	30-2453
23	Automatic T. P. D. T. Switch	42-1533
24	Resistor (1/2 watt, 1500 ohms)	33-212334
25	Resistor (1/2 watt, 1800 ohms)	33-218334
26	Filament Resistor	33-3387
27	Battery Cable	41-8526
28	Speaker	36-1476
	Cone Assembly	
	(for Speaker 36-1476-3)	36-4121
29	Tubular Condenser (.0015 mfd., 200 V.)	30-4555