

Model 40-100 is a four (4) tube battery operated super-heterodyne receiver with electric push-button tuning. This model covers a tuning frequency range of 540 to 1720 K. C. Features of design included in this model are: low current drain tube; automatic volume control and pentode audio output. The differences in the "codes" of this model are in the cabinets. Code 121 is assembled in a table model cabinet and Code 122 in a floor model.

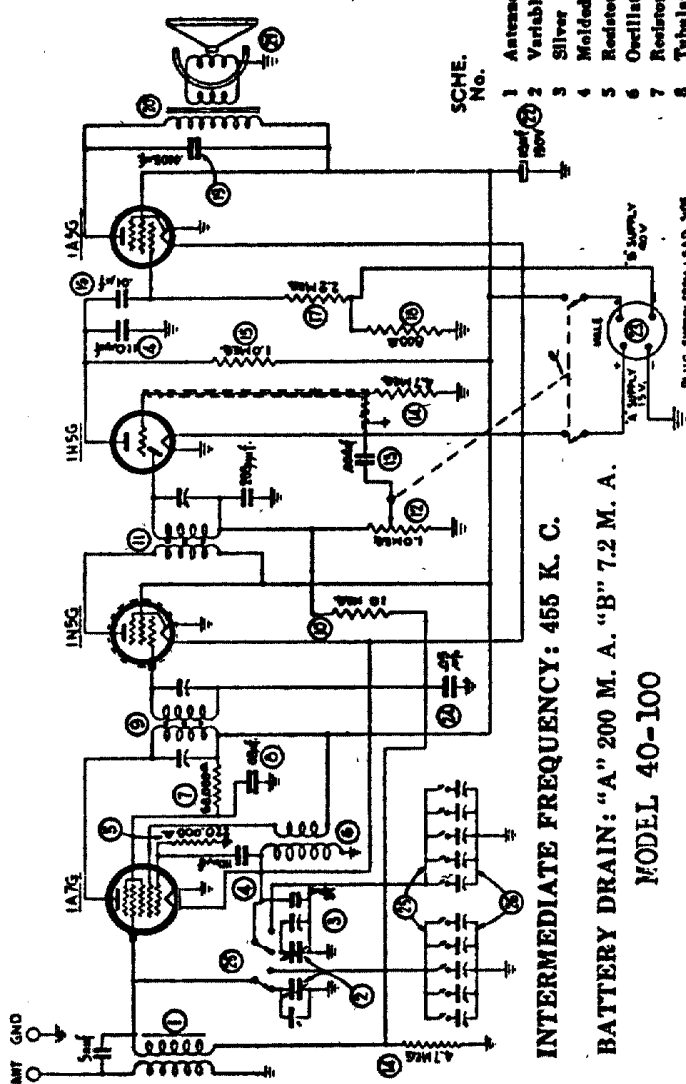
**ELECTRIC PUSH-BUTTON TUNING:** Five (5) push-buttons are used for the broadcast stations and one push-button for selecting "dial tuning." The push-buttons cover a frequency range as follows: 540 to 1600 kilocycles.

DESCRIPTION	PART No.	
1 Antenna Transformer	32-3248	15 Resistor (1 meg., 1/2 watt).....32-510244
2 Variable Condenser	31-2304	16 Tubular Condenser (.01 mf., 400 v.).....30-4572
3 Silver Mica Condenser	30-1113	17 Resistor (2.2 meg., 1/2 watt).....32-52244
4 Molded Mica Condenser (110 mmf.).....30-1051		18 Resistor (800 ohms, 1/2 watt).....32-180326
5 Resistor (220,000 ohms, 1/2 watt).....32-42244		19 Molded Mica Condenser (300 mmf.).....30-1114
6 Oscillator Transformer	32-3214	20 Output Transformer .....32-8051
7 Resistor (68,000 ohms, 1/2 watt).....32-36244		21 Speaker .....36-1477
8 Tubular Condenser (.05 mf., 200 v.).....30-4444		22 Electrolytic Condenser (10 mf., 150 v.).....30-2396
9 1st L. F. Transformer	32-3198	23 Battery Cable .....41-3478
10 Resistor (10 meg., 1/2 watt).....32-410244		24 Tubular Condenser (.05 mf., 200 v.).....30-43195
11 2nd L. F. Transformer	32-3199	25 Push Button Switch .....42-1835
12 Volume Control (1 meg. and D. P. S. T. Switch)	32-3321	26 Push Button Condenser Strip .....31-4309
13 Tubular Condenser (.004 mf., 400 v.).....30-4578		.. Flag Arm Spring .....32-8949
14 Resistor (4.7 meg., 1/2 watt).....32-547244		.. Flag Arm Transfer Lever Assembly.....32-9945
		.. Flag Cam Assembly .....32-9725
		.. Flag Assembly .....32-9944

# FOR ALIGNMENT AND TUNER, SEE INDEX

Model 40-105 is a four (4) tube battery operated super-heterodyne radio covering a tuning frequency range from 540 to 1720 K. C.

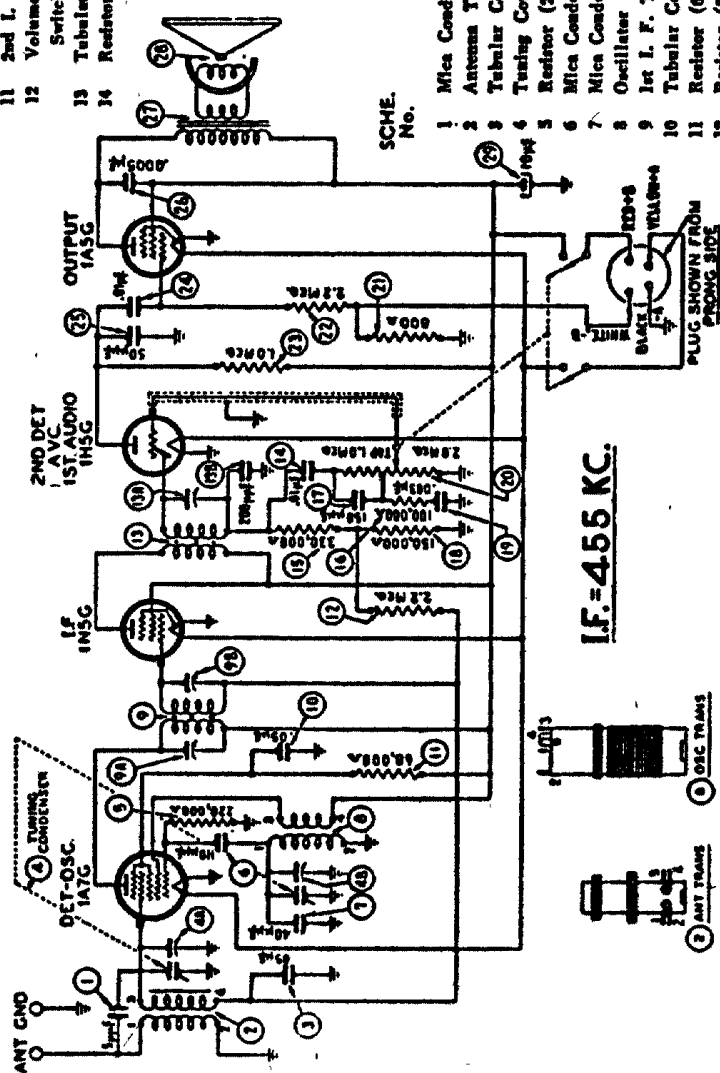
SCHE. No.	DESCRIPTION	PART No.	
1	Mica Condenser (5 mmf.)	30-1097	15 Resistor (350,000 ohms, 1/2 watt) .....32-433339
2	Antenna Transformer	32-3248	16 Resistor (100,000 ohms, 1/2 watt) .....32-410339
3	Tubular Condenser (.05 mfd.)	30-4519	17 Mica Condenser (150 mmf.) .....30-1033
4	Tuning Condenser Assembly	31-2304	18 Resistor (150,000 ohms, 1/2 watt) .....32-413339
5	Resistor (220,000 ohms, 1/2 watt)	32-422339	19 Tubular Condenser (.003 mf.) .....30-4469
6	Mica Condenser (110 mmf.)	30-1130	20 Volume Control (2.0 meg.) .....32-5326
7	Mica Condenser (40 mmf.)	30-1132	21 Resistor (800 ohms, 1/2 watt) .....32-180326
8	Oscillator Transformer	32-3214	22 Resistor (2.2 meg., 1/2 watt) .....32-522339
9	1st L. F. Transformer Assembly	32-3198	23 Resistor (1.0 meg., 1/2 watt) .....32-510339
10	Tubular Condenser (.05 mf.)	30-4444	24 Tubular Condenser (.01 mf.) .....30-4572
11	Resistor (68,000 ohms, 1/2 watt)	32-362339	25 Mica Condenser (50 mmf.) .....30-1029
12	Resistor (2.2 meg., 1/2 watt)	32-522339	26 Mica Condenser (.0005 mf.) .....30-1114
13	2nd L. F. Transformer Assembly	32-3199	27 Output Transformer .....32-7994
14	Tubular Condenser (.01 mf.)	30-4573	28 Speaker .....36-1410
			29 Electrolytic Condenser (10 mf 150 v.).....30-2396



INTERMEDIATE FREQUENCY: 455 K. C.

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

MODEL 40-100



IF=455 KC.

SCHEMATIC DIAGRAM MODEL 40-105

BATTERY CURRENT DRAIN: "A" 200 M. A. "B" 8 M. A.