

MODEL 40-95, Codes 121-122

SPECIFICATIONS

Model 40-95 is a four (4) tube battery operated super-heterodyne radio covering a tuning frequency range from 540 to 1720 K. C.

Features of design included in this model are:—low current drain tube; automatic volume control and pentode audio output.

INTERMEDIATE FREQUENCY: 455 K. C.

PHILCO TUBES USED: One 1A7G converter; one 1N5G, I. F. Amplifier; one 1H5G, 2nd Detector, A. V. C. 1st Audio and one 1A5G, Petnode Audio Output.

PHILCO BATTERY: One Type P 60D-11L.

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

CABINET DIMENSIONS: 9 1/4" high, 17" wide, 9 1/2" deep.

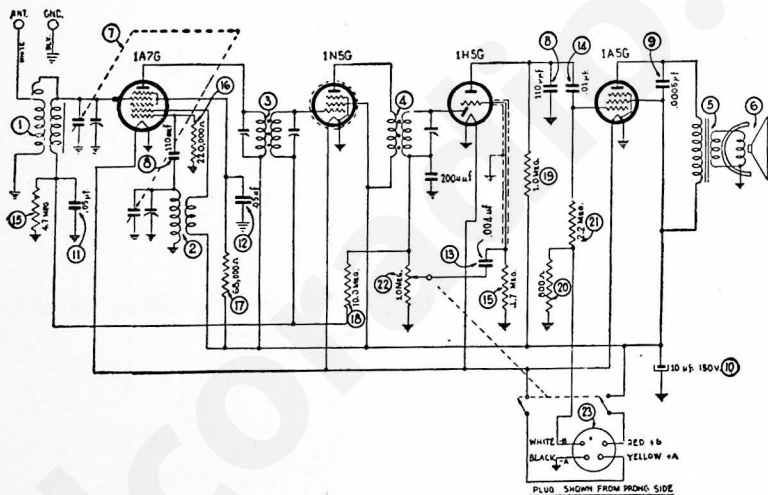
AERIAL AND GROUND: To obtain maximum operating performance from this model, Philco Farm Radio Aerial Part No. 40-6383 is recommended, in addition to a good ground connection.

ALIGNING PROCEDURE: The aligning procedure for this model will be found on page (40).

PRODUCTION CHANGES

The two codes of this model differ only in cabinets, speakers, and cables as shown below:

Code 121		Code 122
36-1477-3	Speaker	35-1488-3
36-4121	Cone Assembly	36-4129
41-3478	Battery Cable	41-3505
	Speaker Socket	27-6115
32-8051	Output Transformer	32-8051



REPLACEMENT PARTS

SCHE. No.	DESCRIPTION	PART No.	SCHE. No.	DESCRIPTION	PART No.	SCHE. No.	DESCRIPTION	PART No.
1	Antenna Transformer	32-3183	16	Resistor (220,000 ohms, 1/3 watt)	33-422244		Cable (Battery, Code 121)	41-3478
2	Oscillator Transformer	32-3184	17	Resistor (68,000 ohms, 1/3 watt)	33-368244		Cam Assembly (Indicator Drive)	38-9861
3	1st I. F. Transformer	32-3198	18	Resistor (10 meg., 1/3 watt)	33-810244		Cone Assembly	
4	2nd I. F. Transformer	32-3199	19	Resistor (1 meg., 1/3 watt)	33-519244		(for Speaker 36-1477-3)	36-4121
5	Output Transformer (Code 121)	32-8051	20	Resistor (800 ohms, 1/2 watt)	33-180328		(for Speaker 36-1488-3)	36-4129
	Output Transformer (Code 122)	32-8051	21	Resistor (2.2 meg., 1/3 watt)	33-522244		Dial	27-5516
6	Speaker (Code 121)	36-1477-3	22	Volume Control	33-5321		Dial Window (Code 122)	27-5512
	Speaker (Code 122)	36-1488-3					Dial Drive Cord	31-2392
	Cone Assembly		23	Battery Cable (Code 121)	41-3478		Drum (Tuning Condenser)	38-9865
	(for Speaker 36-1477-3)	36-4121		Battery Cable (Code 122)	41-3505		Indicator Assembly	38-9844
	(for Speaker 36-1488-3)	36-4129		Flag Arm Spring	28-8949		Lever Assembly (Flag Drive)	38-9843
7	Tuning Condenser	31-2873		Flag Arm Transfer Lever Assembly	38-9848		Knob Assembly (Code 121)	27-4321
8	Moulded Mica Condenser (110 mmf.)	30-1031		Flag Cam Assembly	38-0723		Knob Assembly (Code 122)	27-4332
9	Moulded Mica Condenser (500 mmf.)	30-1114		Flag Assembly	38-9844		Shaft (Tuning)	50-1464
10	Electrolytic Condenser (10 mf., 150 v)	30-2396					Pointer	31-2395
11	Tubular Condenser (.05 mf., 200 v)	30-45108					Socket (Speaker)	27-6115
12	Tubular Condenser (.05 mf., 200 v)	30-4444					Socket (6 prong)	27-6086
13	Tubular Condenser (.004 mf., 400v)	30-4578					Socket (7 prong)	27-6087
14	Tubular Condenser (.01 mf.)	30-4572					Speaker (Code 121)	36-1477-3
15	Resistor (4.7 meg., 1/3 watt)	33-547244					Speaker (Code 122)	36-1488-3
							Spring (Drive Cord)	28-8913
							Spring (Indicator Assembly)	28-8949

MISCELLANEOUS PARTS

Baffle and Silk Assembly	40-6461
Cabinet (40-95T)	10387A
Cabinet (40-95F)	10415A
Cable (Battery, Code 122)	41-3505