

MODEL 41-95, CODES 121 AND 122

SPECIFICATIONS

Model 41-95, Codes 121, 122 is a five (5) tube battery operated superheterodyne radio covering a tuning frequency range from 540 to 1720 K. C. Included in this Model are Philco low drain tubes; automatic volume control; Push-Pull pentode output stage with screen phase inversion; permanent magnet dynamic speaker and, an ON-OFF battery indicator. Codes 121 and 122 of this model use the same chassis and have the same features with the exception of the cabinet. Code 121 is assembled in a table model cabinet and Code 122 in floor model cabinet.

INTERMEDIATE FREQUENCY: 455 K. C.

PHILCO TUBES USED: One, 1A7G, converter; one 1N5G, I. F. amplifier; one 1H5G, 2nd detector, 1st audio; two 1A5G, audio output.

PHILCO BATTERIES REQUIRED: One Philco "A"—"B" pack type P-60D11L.

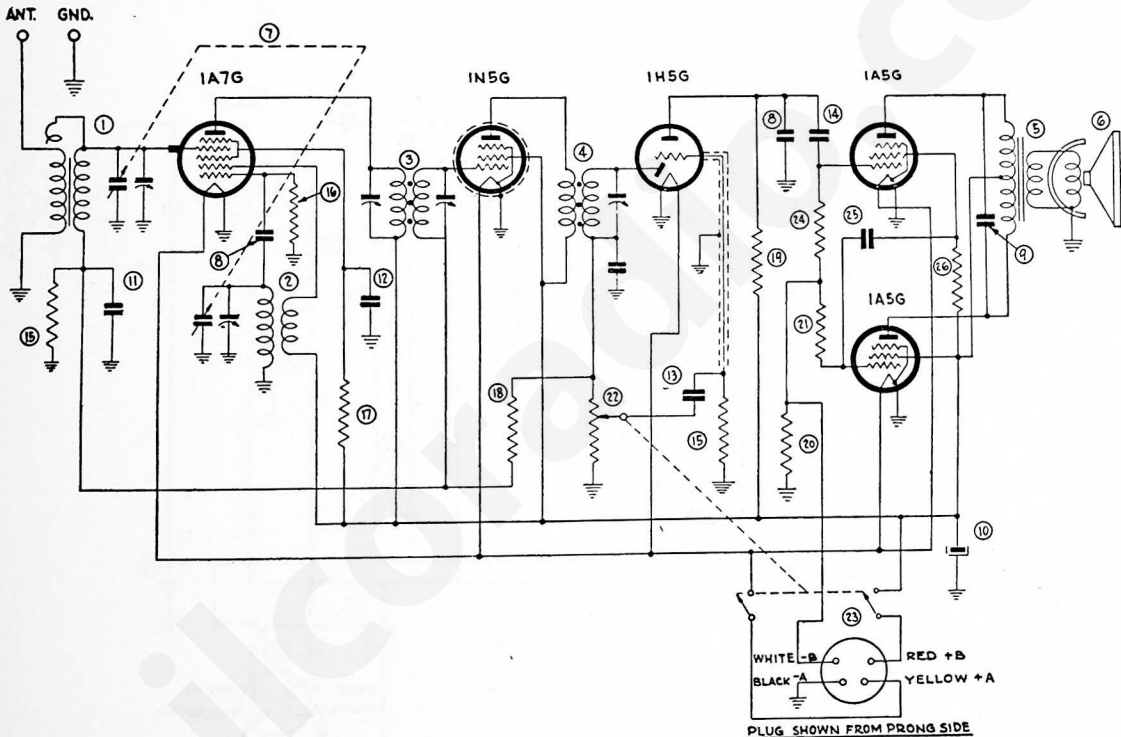
BATTERY DRAIN: "A" 250 Ma., "B" 10 Ma.

CABINET DIMENSIONS:	Height	Width	Depth
Code 121	10"	17½"	9½"
Code 122	36¾"	24¾"	10½"

AERIAL AND GROUND: To obtain maximum operating performance from this model the Philco Farm Radio Aerial, Part No. 40-6383 is recommended. A good ground connection to a water pipe or a metal rod driven in moist earth is also required.

ALIGNING R. F. AND I. F. COMPENSATORS

The procedure for aligning the R. F. and I. F. compensators will be found on page 48.



Replacement Parts — Model 41-95, Codes 121 and 122

SCHEM. No.	DESCRIPTION	PART No.	SCHEM. No.	DESCRIPTION	PART No.	SCHEM. No.	DESCRIPTION	PART No.
1	Antenna Transformer	32-3183	20	Resistor (680 ohms, ½ watt)	33-168326		Dial	27-5591
2	Oscillator Transformer	32-3184	21	Resistor (2.2 Meg., ¼ watt)	33-522154		Pointer	56-1276
3	1st I. F. Transformer	32-3198	22	Volume Control (1 Meg. with DPST switch)	33-5398		Drive Drum (Tuning Cond.)	76-1176
4	2nd I. F. Transformer	32-3199	23	Battery Cable	41-3305		Drive Drum (Indicator)	31-2304
5	Output Transformer	32-8107	24	Resistor (2.2 Meg., ¼ watt)	33-522154		Spring	28-8945
6	5" Speaker for Compact	36-1507	25	Tubular Condenser (.01 mf., 400 v)	30-4572		Drive Cord (Pointer Drive)	31-2513
6A	8" Speaker for Console	36-1477	26	Resistor (10,000 ohms, ¼ watt)	33-310154		Drive Cord (Tuning Cond.)	31-2512
7	Tuning Condenser	31-2457					Spring	28-8913
8	Moulded Mica Condenser (100 mmf.)	60-110157					Indicator	76-1050
9	Moulded Mica Condenser (250 mmf.)	60-125157					Cam Assembly	38-9861
10	Electrolytic Condenser (10 mf., 150 v)	30-2396					Transfer Lever	76-1049
11	Tubular Condenser (.05 mf., 200 v)	30-4519					Knob	27-4332
12	Tubular Condenser (.05 mf., 200 v)	30-4444					Socket (Tubes)	27-6133
13	Tubular Condenser (.004 mf., 400 v)	30-4578					Speaker (Code 122)	36-1488
14	Tubular Condenser (.01 mf., 400 v)	30-4572					Speaker (Code 121)	36-1507
15	Resistor (4.7 Meg., ¼ watt)	33-547154					Screw (Chassis Mtg.)	W-2030
16	Resistor (220,000 ohms, ¼ watt)	33-422154					Shield (Tubes)	56-1566
17	Resistor (68,000 ohms, ¼ watt)	33-368154					Shield Clip	56-1567
18	Resistor (10 Meg., ¼ watt)	33-610154					Tuning Shaft	31-2465
19	Resistor (1 Meg., ¼ watt)	33-510154					Washer (Chassis)	W-410

MISCELLANEOUS PARTS

Cable Speaker (Code 121)	41-3448
Cable Speaker (Code 122)	19481A
Cabinet (Table Model, Code 121)	10494B
Cabinet (Floor Model, Code 122)	27-4975
Glass (Bezel)	27-5610
Mounting Straps	56-1752
Mounting Screw	W-2062
Clip (R. F. Coils)	28-5002